
NLSY79 YOUNG ADULT ATTACHMENTS

ATTACHMENT 3: 1970 CENSUS OCCUPATION/INDUSTRY CODES

1970 CENSUS OCCUPATION CODES

("n.e.c." means "not elsewhere classified.")

Occupation Code	Duncan SEI Score
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PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS

001	77	Accountants
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002	85	Architects
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Computer specialists

003	65	Computer programmers
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004	65	Computer systems analysts
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005	65	Computer specialists, n.e.c.
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Engineers

006	87	Aeronautical and astronautical engineers
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010	90	Chemical engineers
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011	84	Civil engineers
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012	84	Electrical and electronic engineers
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013	86	Industrial engineers
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014	80	Mechanical engineers
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015	83	Metallurgical and materials engineers
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020	85	Mining engineers
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021	81	Petroleum engineers
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022	87	Sales engineers
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023	87	Engineers, n.e.c.
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024	83	Farm management advisors
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025	48	Foresters and conservationists
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026	83	Home management advisors
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Lawyers and judges

030	93	Judges
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031	92	Lawyers
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Librarians, archivists, and curators

032	60	Librarians
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033	75	Archivists and curators
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Mathematical specialists

034	81	Actuaries
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035	80	Mathematicians
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036	81	Statisticians
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Life and physical scientists

042	80	Agricultural scientists
043	62	Atmospheric and space scientists
044	80	Biological scientists
045	79	Chemists
051	80	Geologists
052	80	Marine scientists
053	80	Physicists and astronomers
054	77	Life and physical scientists, n.e.c.
055	66	Operations and systems researchers and analysts
056	84	Personnel and labor relations workers

Physicians, dentists and related practitioners

061	75	Chiropractors
062	96	Dentists
063	79	Optometrists
064	81	Pharmacists
065	92	Physicians, medical and osteopathic
071	58	Podiatrists
072	78	Veterinarians
073	58	Health practitioners, n.e.c.

Nurses, dietitians, and therapists

074	39	Dietitians
075	44	Registered nurses
076	60	Therapists

Health technologists and technicians

080	48	Clinical laboratory technologists and technicians
081	48	Dental hygienists
082	60	Health record technologists and technicians
083	48	Radiologic technologists and technicians
084	48	Therapy assistants
085	52	Health technologists and technicians, n.e.c.

Religious workers

086	52	Clergymen
090	57	Religious workers, n.e.c.

Social scientists

091	74	Economists
092	81	Political scientists
093	81	Psychologists
094	81	Sociologists
095	65	Urban and regional planners
096	81	Social scientists, n.e.c.

Social and recreational workers

100	64	Social workers
101	67	Recreation workers

Teachers, college and university

102	84	Agriculture teachers
103	84	Atmospheric, earth, marine and space teachers
104	84	Biology teachers
105	84	Chemistry teachers
110	84	Physics teachers
111	84	Engineering teachers
112	84	Mathematics teachers
113	84	Health specialties teachers
114	84	Psychology teachers
115	84	Business and commerce teachers
116	84	Economics teachers
120	84	History teachers
121	84	Sociology teachers
122	84	Social science teachers, n.e.c.
123	53	Art, drama, and music teachers
124	64	Coaches and physical education teachers
125	84	Education teachers
126	84	English teachers
130	84	Foreign language teachers
131	72	Home economics teachers
132	84	Law teachers
133	84	Theology teachers
134	84	Trade, industrial, and technical teachers
135	84	Miscellaneous teachers, college and university
140	84	Teachers, college and university, subject not specified

Teachers, except college and university

141	61	Adult education teachers
142	71	Elementary school teachers
143	72	Prekindergarten and kindergarten teachers
144	70	Secondary school teachers
145	62	Teachers, except college and university, n.e.c.

Engineering and science technicians

150	62	Agriculture and biological technicians, except health
151	62	Chemical technicians
152	67	Draftsmen
153	62	Electrical and electronic engineering technicians
154	64	Industrial engineering technicians
155	62	Mechanical engineering technicians

Engineering and science technicians - continued

156	53	Mathematical technicians
161	48	Surveyors
162	62	Engineering and science technicians, n.e.c.

Technicians, except health, and engineering and science

163	79	Airplane pilots
164	69	Air traffic controllers
165	61	Embalmers
170	48	Flight engineers
171	69	Radio operators
172	62	Tool programmers, numerical control
173	62	Technicians, n.e.c.
174	65	Vocational and educational counselors

Writers, artists, and entertainers

175	60	Actors
180	62	Athletes and kindred workers
181	76	Authors
182	45	Dancers
183	71	Designers
184	82	Editors and reporters
185	52	Musicians and composers
190	67	Painters and sculptors
191	50	Photographers
192	82	Public relations men and publicity writers
193	65	Radio and television announcers
194	40	Writers, artists, and entertainers, n.e.c.
195	65	Research workers, not specified

MANAGERS AND ADMINISTRATORS, EXCEPT FARM

201	61	Assessors, controllers and treasurers; local public administration
202	80	Bank officers and financial managers
203	51	Buyers and shippers, farm products
205	72	Buyers, wholesale and retail trade
210	74	Credit men
211	59	Funeral directors
212	74	Health administrators
213	58	Construction inspectors, public administration
215	55	Inspectors, except construction, public administration
216	32	Managers and superintendent building
220	74	Office managers, n.e.c
221	50	Officers, pilots, and pursers; ship
222	80	Officials and administrators; public administration, n.e.c.
223	60	Officials of lodges, societies, and unions
224	61	Postmasters and mail superintendents
225	75	Purchasing agents and buyers, n.e.c
226	59	Railroad conductors
230	38	Restaurant, cafeteria, and bar managers
231	72	Sales managers and department heads, retail trade
233	74	Sales managers, except retail trade
235	78	School administrators, college
240	72	School administrators, elementary and secondary
245	62	Managers and administrators, n.e.c.

SALES WORKERS

260	66	Advertising agents and salesmen
261	40	Auctioneers
262	35	Demonstrators
264	09	Hucksters and peddlers
265	66	Insurance agents, brokers, and underwriters
266	27	Newsboys
270	62	Real estate agents and brokers
271	72	Stock and bond salesmen
280	41	Salesmen and sales clerks, n.e.c.

CLERICAL AND UNSKILLED WORKERS

301	52	Bank tellers
303	44	Billing clerks
305	51	Bookkeepers
310	44	Cashiers
311	44	Clerical assistants, social welfare
312	44	Clerical supervisors, n.e.c.
313	43	Collectors, bill and account
314	44	Counter clerks, except food
315	40	Dispatchers and starters, vehicle
320	44	Enumerators and interviewers
321	59	Estimators and investigators, n.e.c.
323	44	Expeditors and production controllers
325	44	File clerks
326	62	Insurance adjusters, examiners, and investigators
330	44	Library attendants, and assistants
331	53	Mail carriers, post office
332	43	Mail handlers, except post office
333	28	Messengers and office boys
334	44	Meter readers, utilities

Office machine operators

341	45	Bookkeeping and billing machine operators
342	45	Calculating machine operators
343	45	Computer and peripheral equipment operators
344	45	Duplicating machine operators
345	45	Key punch operators
350	45	Tabulating machine operators
355	45	Office machine operators, n.e.c.
360	44	Payroll and timekeeping clerks
361	45	Postal clerks
362	44	Proofreaders
363	68	Real estate appraisers
364	44	Receptionists

Secretaries

370	61	Secretaries, legal
371	61	Secretaries, medical
372	62	Secretaries, n.e.c.
374	24	Shipping and receiving clerks
375	44	Statistical clerks
376	61	Stenographers
381	44	Stock clerks and storekeepers
382	63	Teacher aides, exc. school monitors
383	22	Telegraph messengers
384	47	Telegraph operators
385	45	Telephone operators
390	60	Ticket, station, and express agents
391	61	Typists
392	42	Weighers
394	44	Miscellaneous clerical workers
395	44	Not specified clerical workers

CRAFTSMEN AND KINDRED WORKERS

401	22	Automobile accessories installers
402	22	Bakers
403	16	Blacksmiths
404	33	Boilermakers
405	39	Bookbinders
410	27	Brickmasons and stonemasons
411	32	Brickmasons and stonemasons, apprentices
412	20	Bulldozer operators
413	22	Cabinetmakers
415	19	Carpenters
416	31	Carpenter apprentices
420	12	Carpet installers
421	19	Cement and concrete finishers
422	52	Compositors and typesetters
423	40	Printing trades apprentices, exc. pressmen
424	21	Cranemen, derrickmen, and hoistmen
425	40	Decorators and window dressers
426	48	Dental laboratory technicians
430	44	Electricians
431	37	Electrician apprentices
433	49	Electric power linemen and cablemen
434	55	Electrotypers and stereotypers
435	47	Engravers, exc. photoengravers
436	23	Excavating, grading, and road machine operators; exc. bulldozer
440	17	Floor layers, exc. tile setters
441	49	Foremen, n.e.c.
442	23	Forgemen and hammermen
443	18	Furniture and wood finishers
444	40	Furriers
445	25	Glaziers
446	22	Heat treaters, annealers, and temperers
450	22	Inspectors, scalers, and graders; log and lumber
452	41	Inspectors, n.e.c.

453	36	Jewelers and watchmakers
454	34	Job and die setters, metal
455	58	Locomotive engineers
456	45	Locomotive firemen
461	33	Machinists
462	41	Machinist apprentices

Mechanics and repairmen

470	27	Air conditioning, heating, and refrigeration
471	48	Aircraft
472	19	Automobile body repairmen
473	19	Automobile mechanics
474	25	Automobile mechanic apprentices
475	27	Data processing machine repairmen
480	27	Farm implement
481	27	Heavy equipment mechanics, incl. diesel
482	27	Household appliance and accessory installers and mechanics
483	10	Loom fixers
484	36	Office machine
485	36	Radio and television
486	21	Railroad and car shop
491	34	Mechanic, exc. auto. apprentices
492	27	Miscellaneous mechanics and repairmen
495	27	Not specified mechanics and repairmen
501	19	Millers; grain, flour, and feed
502	31	Millwrights
503	12	Molders, metal
504	33	Molder apprentices
505	43	Motion picture projectionists
506	39	Opticians, and lens grinders and polishers
510	16	Painters, construction and maintenance
511	29	Painter apprentices
512	14	Paperhangers
514	43	Pattern and model makers, exc. paper
515	63	Photoengravers and lithographer
516	38	Piano and organ turners and repairmen
520	25	Plasterers
521	29	Plasterer apprentices
522	34	Plumbers and pipe fitters
523	33	Plumber and pipe fitter apprentices
525	50	Power station operators
530	46	Pressmen and plate printers, printing
531	40	Pressman apprentices
533	22	Rollers and finishers, metal
534	15	Roofers and slaters
535	33	Sheetmetal workers and tinsmiths
536	33	Sheetmetal apprentices
540	34	Shipfitters
542	12	Shoe repairmen
543	17	Sign painters and letterers
545	45	Stationary engineers
546	24	Stone cutters and stone carvers
550	34	Structural metal craftsmen
551	22	Tailors

552	49	Telephone installers and repairmen
554	49	Telephone linemen and splicers
560	28	Tile setters
561	49	Tool and die makers
562	41	Tool and die maker apprentices
563	21	Upholsterers
571	35	Specified craft apprentices, n.e.c.
572	39	Not specified apprentices
575	25	Craftsmen and kindred workers, n.e.c.
580	-4	Former members of the Armed Forces

OPERATIVES, EXCEPT TRANSPORT

601	32	Asbestos and insulation workers
602	18	Assemblers
603	11	Blasters and powdermen
604	18	Bottling and canning operatives
605	25	Chainmen, rodmen, and axmen; surveying
610	19	Checkers, examiners, and inspectors; manufacturing
611	18	Clothing ironers and pressers
612	19	Cutting operatives, n.e.c.
613	23	Dressmakers and seamstresses, except factory
614	24	Drillers, earth
615	25	Dry wall installers and lathers
620	12	Dyers
621	20	Filers, polishers, sanders, and buffers
622	18	Furnacemen, smeltermen, and pourers
623	18	Garage workers and gas station attendants
624	17	Graders and sorters, manufacturing
625	12	Produce graders and packers, except factory and farm
626	29	Heaters, metal
630	15	Laundry and dry cleaning operatives, n.e.c.
631	29	Meat cutters and butchers, exc. manufacturing
633	16	Meat cutters and butchers, manufacturing
634	18	Meat wrappers, retail trade
635	20	Metal platers
636	46	Milliners
640	16	Mine operatives, n.e.c.
641	18	Mixing operatives
642	15	Oilers and greasers, exc. auto
643	18	Packers and wrappers, except meat and product
644	18	Painters, manufactured articles
645	42	Photographic process workers

Precision machine operatives

650	25	Drill press operatives
651	22	Grinding machine operatives
652	22	Lathe and milling machine operatives
653	21	Precision machine operatives, n.e.c.
656	19	Punch and stamping press operatives
660	20	Riveters and fasteners
661	16	Sailors and deckhands
662	05	Sawyers
663	18	Sewers and stitchers

664	09	Shoemaking machine operatives
665	24	Solderers
666	17	Stationary firemen

Textile operatives

670	03	Carding, lapping, and combing operatives
671	21	Knitters, loopers, and toppers
672	04	Spinners twisters, and winders
673	06	Weavers
674	06	Textile operatives, n.e.c.
680	24	Welders and flamecutters
681	20	Winding operatives, n.e.c.
690	19	Machine operatives, miscellaneous specified
692	19	Machine operatives, not specified
694	19	Miscellaneous operatives
695	19	Not specified operatives

TRANSPORT EQUIPMENT OPERATIVES

701	24	Boatmen and canalmen
703	34	Bus drivers
704	33	Conductors and motormen, urban rail transit
705	31	Deliverymen and routemen
706	17	Fork lift and tow motor operatives
710	03	Motormen; mine, factory, logging camp, etc.
711	19	Parking attendants
712	42	Railroad brakemen
713	44	Railroad switchmen
714	10	Taxicab drivers and chauffeurs
715	15	Truck drivers

LABORERS, EXCEPT FARM

740	17	Animal caretakers, exc. farm
750	07	Carpenters' helpers
751	07	Construction' laborers, exc. carpenter's helpers
752	11	Fishermen and oystermen
753	09	Freight and material handlers
754	08	Garbage collectors
755	11	Gardeners and groundskeepers, exc. farm
760	11	Longshoremen and stevedores
761	04	Lumbermen, raftsmen, and woodchoppers
762	17	Stock handlers
763	08	Teamsters
764	08	Vehicle washers and equipment cleaners
770	08	Warehousemen, n.e.c.
780	08	Miscellaneous laborers
785	08	Not specified laborers

FARMERS AND FARM MANAGERS

801	14	Farmers (owners and tenants)
802	36	Farm managers

FARM LABORERS AND FARM FOREMEN

821	20	Farm foremen
822	06	Farm laborers, wage workers
823	17	Farm laborers, unpaid family workers
824	22	Farm service laborers, self-employed

SERVICE WORKERS, EXC. PRIVATE HOUSEHOLD**Cleaning service workers**

901	13	Chambermaids and maids, except private household
902	08	Cleaners and charwomen
903	13	Janitors and sextons

Food service workers

910	19	Bartenders
911	11	Busboys
912	15	Cooks, except private household
913	11	Dishwashers
914	17	Food counter and fountain workers
915	16	Waiters
916	11	Food service workers, n.e.c., except private household

Health service workers

921	38	Dental assistants
922	25	Health aides, exc. nursing
923	51	Health trainees
924	37	Lay midwives
925	14	Nursing aides, orderlies, and attendants
926	22	Practical nurses

Personal service workers

931	31	Airline stewardesses
932	19	Attendants, recreation and amusement
933	26	Attendants, personal service, n.e.c.
934	08	Baggage porters and bellhops
935	17	Barbers
940	30	Boarding and lodging housekeepers
941	08	Bootblacks
942	28	Child care workers, exc. private household
943	10	Elevator operators
944	17	Hairdressers and cosmetologists
945	31	Personal service apprentices
950	31	Housekeepers, exc. private household
952	26	School monitors
953	25	Ushers, recreation and amusement
954	11	Welfare service aides

Protective service workers

960	18	Crossing guards and bridge tenders
961	37	Firemen, fire protection
962	18	Guards and watchmen
963	21	Marshals and constables
964	41	Policemen and detectives
965	34	Sheriffs and bailiffs

PRIVATE HOUSEHOLD WORKERS

980	07	Child care workers, private household
981	07	Cooks, private household
982	11	Housekeepers, private household
983	12	Laundresses, private household
984	07	Maids and servants, private household

SOURCES: Three-digit Industry and Occupation Codes - U.S. Bureau of the Census, 1970. Census of Population Classified Index of Industries and Occupations, U.S. Government Printing Office, Washington, D.C., 1971.

Two-digit Duncan socioeconomic index scores - Albert J. Reiss, Jr., et al., Occupations and Social Status, Free Press of Glencoe, New York, N.Y., 1961.

NOTE: The following occupation codes were used in addition to those of the 1970 Census of Population:

000 = None

590 = Current member of armed forces

990 = Same as present job

995 = Never worked/Did not work during that period

1970 CENSUS INDUSTRY CODES

("n.e.c." means "not elsewhere classified.")

Industry
Code**AGRICULTURE, FORESTRY, AND FISHERIES**

017	Agricultural production
018	Agricultural services, except horticultural
019	Horticultural services
027	Forestry
028	Fisheries

MINING

047	Metal mining
048	Coal mining
049	Crude petroleum and natural gas extraction
057	Nonmetallic mining and quarrying, except fuel

CONSTRUCTION

067	General building contractors
068	General contractors, except building
069	Special trade contractors
077	Not specified construction

MANUFACTURING**Durable goods**

	Lumber and wood products, except furniture
107	Logging
108	Sawmills, planing mills, and mill work
109	Miscellaneous wood products
118	Furniture and fixtures
	Stone, Clay, and glass products
119	Glass and glass products
127	Cement, Concrete, gypsum, and plaster products
128	Structural clay products
137	Pottery and related products
138	Miscellaneous nonmetallic mineral and stone products
	Metal industries
139	Blast furnaces, steel works, rolling and finishing mills
147	Other primary iron and steel industries
148	Primary aluminum industries
149	Other primary nonferrous industries

157	Cutlery, hand tools, and other hardware
158	Fabricated structural metal products
159	Screw machine products
167	Metal stamping
168	Miscellaneous fabricated metal products
169	Not specified metal industries
	Machinery, except electrical
177	Engines and turbines
178	Farm machinery and equipment
179	Construction and material handling machines
187	Metalworking machinery
188	Office and accounting machines
189	Electronic computing equipment
197	Machinery, except electrical, n.e.c.
198	Not specified machinery
	Electrical machinery, equipment and supplies
199	Household appliances
207	Radio, T.V., and communication equipment
208	Electrical machinery, equipment, and supplies, n.e.c.
209	Not specified electrical machinery, equipment, and supplies
	Transportation equipment
219	Motor vehicles and motor vehicle equipment
227	Aircraft and parts
228	Ship and boat building and repairing
229	Railroad locomotives and equipment
237	Mobile dwellings and campers
238	Cycles and miscellaneous transportation equipment
	Professional and photographic equipment and watches
239	Scientific and controlling instruments
247	Optical and health services supplies
248	Photographic equipment and supplies
249	Watches, clocks, and clockwork-operated devices
257	Not specified professional equipment
258	Ordnance
259	Miscellaneous manufacturing industries
	Nondurable goods
	Food and kindred products
268	Meat products
269	Dairy products
278	Canning and preserving fruits, vegetables, and sea foods
279	Grain-mill products
287	Bakery products
288	Confectionery and related products
289	Beverage industries
297	Miscellaneous food preparation and kindred products
298	Not specified food industries

299	Tobacco manufactures
	Textile mill products
307	Knitting mills
308	Dyeing and finishing textiles, except wool and knit goods
309	Floor coverings, except hard surface
317	Yarn, thread, and fabric mills
318	Miscellaneous textile mill products
	Apparel and other fabricated textile products
319	Apparel and accessories
327	Miscellaneous fabricated textile products
	Paper and allied products
328	Pulp, paper, and paperboard mills
329	Miscellaneous paper and pulp products
337	Paperboard containers and boxes
	Printing, publishing, and allied industries
338	Newspaper publishing and printing
339	Printing, publishing, and allied industries, except newspapers
	Chemicals and allied products
347	Industrial chemicals
348	Plastics, synthetics and resins, except fibers
349	Synthetic fibers
357	Drugs and medicines
358	Soaps and cosmetics
359	Paints, varnishes, and related product
367	Agricultural chemicals
368	Miscellaneous chemicals
369	Not specified chemicals and allied products
	Petroleum and coal products
377	Petroleum refining
378	Miscellaneous petroleum and coal products
	Rubber and miscellaneous plastic products
379	Rubber products
387	Miscellaneous plastic products
	Leather and leather products
388	Tanned, curried, and finished leather
389	Footwear, except rubber
397	Leather products, except footwear
398	Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES**Transportation**

407	Railroads and railway express service
408	Street railways and bus lines
409	Taxicab service
417	Trucking service
418	Warehousing and storage
419	Water transportation
427	Air transportation
428	Pipe lines, except natural gas
429	Services incidental to transportation

Communications

447	Radio broadcasting and television
448	Telephone (wire and radio)
449	Telegraph and miscellaneous communication services

Utilities and sanitary services

467	Electric light and power
468	Electric-gas utilities
469	Gas and steam supply systems
477	Water supply
478	Sanitary services
479	Other and not specified utilities

WHOLESALE AND RETAIL TRADE**Wholesale trade**

507	Motor vehicles and equipment
508	Drugs, chemicals, and allied products
509	Dry goods and apparel
527	Food and related products
528	Farm products--raw materials
529	Electrical goods
537	Hardware, plumbing, and heating supply
538	Not specified electrical and hardware products
539	Machinery equipment and supplies
557	Metals and minerals, n.e.c.
558	Petroleum products
559	Scrap and waste materials
567	Alcoholic beverages
568	Paper and its products
569	Lumber and construction materials
587	Wholesalers, n.e.c.
588	Not specified wholesale trade

Retail trade

607	Lumber and building material retailing
608	Hardware and farm equipment stores
609	Department and mail order establishments

617	Limited price variety stores
618	Vending machine operators
619	Direct selling establishments
627	Miscellaneous general merchandise stores
628	Grocery stores
629	Dairy products stores
637	Retail bakeries
638	Food stores, n.e.c.
639	Motor vehicle dealers
647	Tire, battery, and accessory dealers
648	Gasoline service stations
649	Miscellaneous vehicle dealers
657	Apparel and accessories stores, except shoe stores
658	Shoe stores
667	Furniture and home furnishings stores
668	Household appliances, T.V., and radio stores
669	Eating and drinking places
677	Drug stores
678	Liquor stores
679	Farm and garden supply stores
687	Jewelry stores
688	Fuel and ice dealers
689	Retail florists
697	Miscellaneous retail stores
698	Not specified retail trade

FINANCE, INSURANCE, and REAL ESTATE

707	Banking
708	Credit agencies
709	Security, commodity brokerage, and investment companies
717	Insurance
718	Real estate, incl. real estate-insurance-law offices

BUSINESS AND REPAIR SERVICES

727	Advertising
728	Services to dwellings and other buildings
729	Commercial research, development, and testing labs
737	Employment and temporary help agencies
738	Business management and consulting services
739	Computer programming services
747	Detective and protective services
748	Business services, n.e.c.
749	Automobile services, except repair
757	Automobile repair and related services
758	Electrical repair shops
759	Miscellaneous repair services

PERSONAL SERVICES

769	Private households
777	Hotels and motels
778	Lodging places, except hotels and motels
779	Laundering, cleaning, and other garment services
787	Beauty shops
788	Barber shops
789	Shoe repair shops
797	Dressmaking shops
798	Miscellaneous personal services

ENTERTAINMENT AND RECREATION SERVICES

807	Theaters and motion pictures
808	Bowling alleys, billiard and pool parlors
809	Miscellaneous entertainment and recreation services

PROFESSIONAL AND RELATED SERVICES

828	Offices of physicians
829	Offices of dentists
837	Offices of chiropractors
838	Hospitals
839	Convalescent institutions
847	Offices of health practitioners, n.e.c.
848	Health services, n.e.c.
849	Legal services
857	Elementary and secondary schools
858	Colleges and universities
859	Libraries
867	Educational services, n.e.c.
868	Not specified educational services
869	Museums, art galleries, and zoos
877	Religious organizations
878	Welfare services
879	Residential welfare services
887	Nonprofit membership organizations
888	Engineering and architectural services
889	Accounting, auditing, and bookkeeping services
897	Miscellaneous professional and related services

PUBLIC ADMINISTRATION

907	Postal service
917	Federal public administration
927	State public administration
937	Local public administration

ATTACHMENT 4: 1990 CENSUS OCCUPATION/INDUSTRY CODES

1990 CENSUS OCCUPATION CODES

(The numbers in parentheses refer to the 1980 Standard Occupational Classification codes. "pt" means part. "n.e.c." means not elsewhere classified.)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

1990
CENSUS
CODE

Executive, Administrative, and Managerial Occupations

003	Legislators (111)
004	Chief executives and general administrators, public administration (112)
005	Administrators and officials, public administration (1132-1139)
006	Administrators, protective services (1131)
007	Financial managers (122)
008	Personnel and labor relations managers (123)
009	Purchasing managers (124)
013	Managers, marketing, advertising, and public relations (125)
014	Administrators, education and related fields (128)
015	Managers, medicine and health (131)
016	Postmasters and mail superintendents (1344)
017	Managers, food serving and lodging establishments (1351)
018	Managers, properties and real estate (1353)
019	Funeral directors (pt 1359)
021	Managers, service organizations, n.e.c. (127, 1352, 1354, pt 1359)
022	Managers and administrators n.e.c. (121, 126, 132-1343, 136-139)

Management Related Occupations

023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
033	Purchasing agents and buyers, n.e.c. (1449)
034	Business and promotion agents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, except construction (1473)
037	Management related occupations, n.e.c. (149)

PROFESSIONAL SPECIALTY OCCUPATIONS
Engineers, Architects, and Surveyors

043	Architects (161)
	Engineers
044	Aerospace (1622)
045	Metallurgical and materials (1623)
046	Mining (1624)

047	Petroleum (1625)
048	Chemical (1626)
049	Nuclear (1627)
053	Civil (1628)
054	Agricultural (1632)
055	Electrical and electronic (1633, 1636)
056	Industrial (1634)
057	Mechanical (1635)
058	Marine and naval architects (1637)
059	Engineers, n.e.c. (1639)
063	Surveyors and mapping scientists (164)

Mathematical and Computer Scientists

064	Computer systems analysts and scientists (171)
065	Operations and systems researchers and analysts (172)
066	Actuaries (1732)
067	Statisticians (1733)
068	Mathematical scientists, n.e.c. (1739)

Natural Scientists

069	Physicists and astronomers (1842, 1843)
073	Chemists, except biochemists (1845)
074	Atmospheric and space scientists (1846)
075	Geologists and geodesists (1847)
076	Physical scientists, n.e.c. (1849)
077	Agricultural and food scientists (1853)
078	Biological and life scientists (1854)
079	Forestry and conservation scientists (1852)
083	Medical scientists (1855)

Health Diagnosing Occupations

084	Physicians (261)
085	Dentists (262)
086	Veterinarians (27)
087	Optometrists (281)
088	Podiatrists (283)
089	Health diagnosing practitioners, n.e.c. (289)

Health Assessment and Treating Occupations

095	Registered nurses (29)
096	Pharmacists (301)
097	Dietitians (302)
	Therapists
098	Respiratory therapists (3031)
099	Occupational therapists (3032)
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (304)

Teachers, Postsecondary

113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119	Economics teachers (2218)
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
156	Teachers, elementary school (232)
157	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
163	Counselors, educational and vocational (24)

Librarians, Archivists, and Curators

164	Librarians (251)
165	Archivists and curators (252)

Social Scientists and Urban Planners

166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
173	Urban planners (192)

Social, Recreation, and Religious Workers

174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)

Lawyers and Judges

178	Lawyers (211)
179	Judges (212)

Writers, Artists, Entertainers, and Athletes

183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist printmakers (325)
189	Photographers (326)
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)

TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS**Technicians and Related Support occupations****Health Technologists and Technicians**

203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)

Technologists and Technicians, Except Health**Engineering and Related Technologists and Technicians**

213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)

Science Technicians

223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians, n.e.c. (3832, 3833, 384, 389)

Technicians: Except Health, Engineering and Science

- 226 Airplane pilots and navigators (825)
- 227 Air traffic controllers (392)
- 228 Broadcast equipment operators (393)
- 229 Computer programmers (3971, 3972)
- 233 Tool programmers, numerical control (3974)
- 234 Legal assistants (396)
- 235 Technicians, n.e.c. (399)

Sales Occupations

- 243 Supervisors and proprietors, sales occupations (40)
- Sales Representatives, Finance and Business Services
 - 253 Insurance sales occupations (4122)
 - 254 Real estate sales occupations (4123)
 - 255 Securities and financial services sales occupations (4124)
 - 256 Advertising and related sales occupations (4153)
 - 257 Sales occupations, other business services (4152)
- Sales Representatives, Commodities Except Retail
 - 258 Sales engineers (421)
 - 259 Sales representatives, mining, manufacturing, and wholesale (423, 424)
- Sales Workers, Retail and Personal Services
 - 263 Sales workers, motor vehicles and boats (4342, 4344)
 - 264 Sales workers, apparel (4346)
 - 265 Sales workers, shoes (4351)
 - 266 Sales workers, furniture and home furnishings (4348)
 - 267 Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
 - 268 Sales workers, hardware and building supplies (4353)
 - 269 Sales workers, parts (4367)
 - 274 Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
 - 275 Sales counter clerks (4363)
 - 276 Cashiers (4364)
 - 277 Street and door-to-door sales workers (4366)
 - 278 News vendors (4365)
- Sales Related Occupations
 - 283 Demonstrators, promoters and models, sales (445)
 - 284 Auctioneers (447)
 - 285 Sales support occupations, n.e.c. (444, 446, 449)

Administrative Support Occupations, Including Clerical

- Supervisors, Administrative Support Occupations
 - 303 Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
 - 304 Supervisors, computer equipment operators (4512)
 - 305 Supervisors, financial records processing (4521)
 - 306 Chief communications operators (4523)
 - 307 Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
- Computer Equipment Operators
 - 308 Computer operators (4612)
 - 309 Peripheral equipment operators (4613)

Secretaries, Stenographers, and Typists

- 313 Secretaries (4622)
- 314 Stenographers (4623)
- 315 Typists (4624)

Information Clerks

- 316 Interviewers (4642)
- 317 Hotel clerks (4643)
- 318 Transportation ticket and reservation agents (4644)
- 319 Receptionists (4645)
- 323 Information clerks, n.e.c. (4649)

Records Processing Occupations, Except Financial

- 325 Classified-ad clerks (4662)
- 326 Correspondence clerks (4663)
- 327 Order clerks (4664)
- 328 Personnel clerks, except payroll and timekeeping (4692)
- 329 Library clerks (4694)
- 335 File clerks (4696)
- 336 Records clerks (4699)

Financial Records Processing Occupations

- 337 Bookkeepers, accounting, and auditing clerks (4712)
- 338 Payroll and timekeeping clerks (4713)
- 339 Billing clerks (4715)
- 343 Cost and rate clerks (4716)
- 344 Billing, posting, and calculating machine operators (4718)

Duplicating, Mail and Other Office Machine Operators

- 345 Duplicating machine operators (4722)
- 346 Mail preparing and paper handling machine operators (4723)
- 347 office machine operators, n.e.c. (4729)

Communications Equipment Operators

- 348 Telephone operators (4732)
- 353 Communications equipment operators, n.e.c. (4733, 4739)

Mail and Message Distributing Occupations

- 354 Postal clerks, exc. mail carriers (4742)
- 355 Mail carriers, postal service (4743)
- 356 Mail clerks, exc. postal service (4744)
- 357 Messengers (4745)

Material Recording, Scheduling, and Distributing Clerks

- 359 Dispatchers (4751)
- 363 Production coordinators (4752)
- 364 Traffic, shipping, and receiving clerks (4753)
- 365 Stock and inventory clerks (4754)
- 366 Motor readers (4755)
- 368 Weighers, measurers, checkers and samplers (4756, 4757)
- 373 Expeditors (4758)
- 374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)

Adjusters and Investigators

- 375 Insurance adjusters, examiners, and investigators (4782)
- 376 Investigators and adjusters except insurance (4783)

377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)
	Miscellaneous Administrative Support Occupations
379	General office clerks (463)
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers' aides (4795)
389	Administrative support occupations, n.e.c. (4787, 4799)

SERVICE OCCUPATIONS

Private Household Occupations

403	Launderers and ironers (503)
404	Cooks, private household (504)
405	Housekeepers and butlers (505)
406	Child care workers, private household (506)
407	Private household cleaners and servants (502, 507, 509)

Protective Service Occupations

	Supervisors Protective Service Occupations
413	Supervisors, firefighting and fire prevention occupations (5111)
414	Supervisors, police and detectives (5112)
415	Supervisors, guards (5113)
	Firefighting and Fire Prevention Occupations
416	Fire inspection and fire prevention occupations (5122)
417	Firefighting occupations (5123)
	Police and Detectives
418	Police and detectives, public service (5132)
423	Sheriffs, bailiffs, and other law enforcement officers (5134)
424	Correctional institution officers (5133)
	Guards
425	Crossing guards (5142)
426	Guards and police, exc. public service (5144)
427	Protective service occupations, n.e.c. (5149)

Service Occupations, Except Protective and Household

	Food Preparation and Service Occupations
433	Supervisors, food preparation and service occupations (5211)
434	Bartenders (5212)
435	Waiters and waitresses (5213)
436	Cooks (5214, 5215)
438	Food counter, fountain and related occupations (5216)
439	Kitchen workers, food preparation (5217)
443	Waiters'/waitresses' assistants (5218)
444	Miscellaneous food preparation occupations (5219)
	Health service Occupations
445	Dental assistants (5232)

446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
	Cleaning and Building Service Occupations, except Household
448	Supervisors cleaning and building service workers (5241)
449	Maids and houseman (5242, 5249)
453	Janitors and cleaners (5244)
454	Elevator operators (5245)
455	Post control occupations (5246)
	Personal Service Occupations
456	Supervisors, personal service occupations (5251)
457	Barbers (5252)
458	Hairdressers and cosmetologists (5253)
459	Attendants, amusement and recreation facilities (5254)
461	Guides (5255)
462	Ushers (5256)
463	Public transportation attendants (5257)
464	Baggage porters and bellhops (5262)
465	Welfare service aides (5263)
466	Family child care providers (pt 5264)
467	Early childhood teacher's assistants (pt 5264)
468	Child care workers, n.e.c. (pt 5264)
469	Personal service occupations, n.e.c. (52, 58, 5269)

FARMING, FORESTRY AND FISHING OCCUPATIONS

Farm Operators and Managers

473	Farmers, except horticultural (5512-5514)
474	Horticultural specialty farmers (5515)
475	Managers, farms, except horticultural (5522-5524)
476	Managers, horticultural specialty farms (5525)

Other Agricultural and Related Occupations

	Farm Occupations Except Managerial
477	Supervisors, farm workers (5611)
479	Farm workers (5612-5617)
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
	Related Agricultural Occupations
485	Supervisors related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)

Forestry and Logging Occupations

494	Supervisors, forestry, and logging workers (571)
495	Forestry workers, except logging (572)
496	Timber cutting and logging occupations (573, 579)

Fishers, Hunters, and Trappers

- 497 Captains and other officers, fishing vessels (pt 8241)
- 498 Fishers (583)
- 499 Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS**Mechanics and Repairers**

- 503 Supervisors, mechanics and repairers (60)
- Mechanics and Repairers, Except Supervisors
- Vehicle and Mobil Equipment Mechanics and Repairers
- 505 Automobile mechanics (pt 6111)
- 506 Automobile mechanic apprentices (pt 6111)
- 507 Bus, truck, and stationary engine mechanics (6112)
- 508 Aircraft engine mechanics (6113)
- 509 Small engine repairers (6114)
- 514 Automobile body and related repairers (6115)
- 515 Aircraft mechanics, exc. engine (6116)
- 516 Heavy equipment mechanics (6117)
- 517 Farm equipment mechanics
- 518 Industrial machinery repairers (613)
- 519 Machinery maintenance occupations (614)

Electrical and Electronic Equipment Repairers

- 523 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
- 525 Data processing equipment repairers (6154)
- 526 Household appliance and power tool repairers (6156)
- 527 Telephone line installers and repairers (6157)
- 529 Telephone installers and repairers (6158)
- 533 Miscellaneous electrical and electronic equipment repairers (6152, 6159)
- 534 Heating, air conditioning, and refrigeration mechanics (616)
- Miscellaneous Mechanics and Repairers
- 535 Camera, watch, and musical instrument repairers (6171, 6172)
- 536 Locksmiths and safe repairers (6173)
- 538 Office machine repairers (6174)
- 539 Mechanical controls and valve repairers (6175)
- 543 Elevator installers and repairers (6176)
- 544 Millwrights (6178)
- 547 Specified mechanics and repairers, n.e.c. (6177, 6179)
- 549 Not specified mechanics and repairers

Construction Trades

- Supervisors, Construction Occupations
- 553 Supervisors; brickmasons, stonemasons, and tile setters (6312)
- 554 Supervisors; carpenters and related workers (6313)
- 555 Supervisors; electricians and power transmission installers (6314)
- 556 Supervisors; painters, paperhangers, and plasterers (6315)
- 557 Supervisors; plumbers, pipefitters, and steamfitters (6316)
- 558 Supervisors; n.e.c. (6311, 6318)
- Construction Trades Except Supervisors
- 563 Brickmasons and stonemasons (pt 6412, pt 6413)

564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (pt 6414, pt 6462)
566	Carpet installers (pt 6462)
567	Carpenters (pt 6422)
569	Carpenter apprentices (pt 6422)
573	Drywall installers (6424)
575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577	Electrical power installers and repairers (6433)
579	Painters, construction and maintenance (6442)
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
587	Plumber, pipefitter, and steamfitter apprentices (pt 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)

Extractive Occupations

613	Supervisors, extractive occupations (632)
614	Drillers, oil well (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)

Precision Production Occupations

628	Supervisors, production occupations (67, 71)
	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)
639	Machinist apprentices (pt 6813)
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6821)
647	Precious stones and metals workers (Jewelers) (6822, 6866)
649	Engravers, metal (6823)
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)

659	Miscellaneous precision woodworkers (6839)
	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)
667	Tailors (pt 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
674	Miscellaneous precision apparel and fabric workers (6856, 6859, pt 7752)
	Precision Workers, Assorted Materials
675	Hand molders and shapers, except jewelers (6861)
676	Patternmakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, pt 7477, pt 7677)
678	Dental laboratory and medical appliance technicians (6865)
679	Bookbinders (6844)
683	Electrical and electronic equipment assemblers (6867)
684	Miscellaneous precision workers, n.e.c. (6869)
	Precision Food Production Occupations
686	Butchers and meat cutters (6871)
687	Bakers (6872)
688	Food batchmakers (6873, 6879)

Precision Inspectors, Testers, and Related Workers

689	Inspectors, testers, and graders (6881, 828)
693	Adjusters and calibrators (6882)
	Plant and System Operators
694	Water and sewage treatment plant operators (691)
695	Power plant operators (pt 693)
696	Stationary engineers (pt 693, 7668)
699	Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine Operators and Tenders, except Precision Metal Working and Plastic Working
Machine Operators

703	Lathe and turning machine set-up operators (7312)
704	Lathe and turning machine operators (7512)
705	Milling and planing machine operators (7313, 7513)
706	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707	Rolling machine operators (7316, 7516)
708	Drilling and boring machine operators (7318, 7518)
709	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
717	Fabricating machine operators, n.e.c. (7339, 7539)
	Metal and Plastic Processing Machine Operators
719	Molding and canting machine operators (7315, 7342, 7515, 7542)
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)

Woodworking Machine Operators

- 726 Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
- 727 Sawing machine operators (7433, 7633)
- 728 Shaping and joining machine operators (7435, 7635)
- 729 Nailing and tacking machine operators (7636)
- 733 Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)

Printing Machine Operators

- 734 Printing press operators (7443, 7643)
- 735 Photoengravers and lithographers (6842, 7444, 7644)
- 736 Typesetters and compositors (6841, 7642)
- 737 Miscellaneous printing machine operators (6849, 7449, 7649)

Textile, Apparel, and Furnishings Machine Operators

- 738 Winding and twisting machine operators (7451, 7651)
- 739 Knitting, looping, taping, and weaving machine operators (7452, 7652)
- 743 Textile cutting machine operators (7654)
- 744 Textile serving machine operators (7655)
- 745 Shoe machine operators (7656)
- 747 Pressing machine operators (7657)
- 748 Laundering and dry cleaning machine operators (6855, 7658)
- 749 Miscellaneous textile machine operators (7459, 7659)

Machine Operators, Assorted Materials

- 753 Cementing and gluing machine operators (7661)
- 754 Packaging and filling machine operators (7462, 7662)
- 755 Extruding and forming machine operators (7463, 7663)
- 756 Mixing and blending machine operators (7664)
- 757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
- 758 Compressing and compacting machine operators (7467, 7667)
- 759 Painting and paint spraying machine operators (7669)
- 763 Roasting and baking machine operators, food (7472, 7672)
- 764 Washing, cleaning, and pickling machine operators (7673)
- 765 Folding machine operators (7474, 7674)
- 766 Furnace, kiln, and oven operators, exc. food (7675)
- 768 Crushing and grinding machine operators (pt 7477, pt 7677)
- 769 Slicing and cutting machine operators (7478, 7678)
- 773 Motion picture projectionists (pt 7479)
- 774 Photographic process machine operators (6863, 6868, 7671)
- 777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
- 779 Machine operators, not specified

Fabricators, Assemblers, and Hand Working Occupations

- 783 Welders and cutters (7332, 7532, 7714)
- 784 Solderers and brazers (7333, 7533, 7717)
- 785 Assemblers (772, 774)
- 786 Hand cutting and trimming occupations (7753)
- 787 Hand molding, casting, and forming occupations (7754, 7755)
- 789 Hand painting, coating, and decorating occupations (7756)
- 793 Hand engraving and printing occupations (7757)
- 795 Miscellaneous hand working occupations (7758, 7759)

Production Inspectors, Testers, Samplers, and Weighers

796	Production inspectors, checkers, and examiners (782, 787)
797	Production testers (783)
798	Production samplers and weighers (784)
799	Graders and sorters, exc. agricultural (785)

Transportation and Material Moving Occupations

Motor Vehicle Operators

803	Supervisors, motor vehicle operators (8111)
804	Truck drivers (8212-8214)
806	Driver-sales workers (8218)
808	Bus drivers (8215)
809	Taxicab drivers and chauffeurs (8216)
813	Parking lot attendants (874)
814	Motor transportation occupations, n.e.c. (8219)

Transportation Occupations, Except Motor Vehicles

Rail Transportation Occupations

823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)

Water Transportation Occupations

828	Ship captains and mates, except fishing boats (pt 8241, 8242)
829	Sailors and deckhands (8243)
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)

Material Moving Equipment Operators

843	Supervisors, material moving equipment operators (812)
844	Operating engineers (8312)
845	Longshore equipment operators (8313)
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
853	Excavating and loading machine operators (8316)
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
859	Miscellaneous material moving equipment operators (8319)

Handlers, Equipment Cleaners, Helpers, and Laborers

864	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
865	Helpers, mechanics and repairers (863)

Helpers, Construction and Extractive Occupations

866	Helpers, construction trades (8641-8645, 8648)
867	Helpers, surveyor (8646)
868	Helpers, extractive occupations (865)
869	Construction laborers (871)
874	Production helpers (861, 862)

Freight, Stock, and Material Handlers

875	Garbage collectors (8722)
876	Stevedores (8723)
877	Stock handlers and baggers (8724)
878	Machine feeders and offbearers (8725)

883	Freight, stock, and material handlers, n.e.c. (8726)
885	Garage and service station related occupations (873)
887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)

MILITARY OCCUPATIONS

905	Military Occupation
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1990 CENSUS INDUSTRY CODES

(Numbers in parenthesis are the 1987 SIC codes)

1990
CENSUS
CODE

AGRICULTURE, FORESTRY, AND FISHERIES

010 Agricultural production, crops (01)
 011 Agricultural production livestock (02)
 012 Veterinary services (074)
 020 Landscape and horticultural services (078)
 030 Agricultural services, n.e.c. (071, 072, 075, 076)
 031 Forestry (08)
 032 Fishing, hunting, and trapping (09)

MINING

040 Metal mining (10)
 041 Coal mining (12)
 042 Oil and gas extraction (13)
 050 Nonmetallic mining and quarrying, except fuel (14)

060 **CONSTRUCTION** (15, 16, 17)

MANUFACTURING**Nondurable Goods**

Food and kindred products
 100 Meat products (201)
 101 Dairy products (202)
 102 Canned, frozen, and preserved fruits and vegetables (203)
 110 Grain mill products (204)
 111 Bakery products (205)
 112 Sugar and confectionery products (206)
 120 Beverage industries (208)
 121 Miscellaneous food preparations and kindred products (207, 209)
 122 Not specified food industries
 130 Tobacco manufactures (21)
 Textile mill products
 132 Knitting mills (225)
 140 Dyeing and finishing textiles, except wool and knit goods (226)
 141 Carpets and rugs (227)
 142 Yarn, thread, and fabric mills (221-224, 228)
 150 Miscellaneous textile mill products (229)
 Apparel and other finished textile products

- 151 Apparel and accessories, except knit (231-238)
- 152 Miscellaneous fabricated textile products (239)
- Paper and allied products
- 160 Pulp, paper, and paperboard mills (261-263)
- 161 Miscellaneous paper and pulp products (267)
- 162 Paperboard containers and boxes (265)
- Printing, publishing, and allied industries
- 171 Newspaper publishing and printing (271)
- 172 Printing, publishing and allied industries, except newspapers (272-279)

Chemicals and allied products

- 180 Plastics, synthetics, and resins (282)
- 181 Drugs (283)
- 182 Soaps and cosmetics (284)
- 190 Paints, varnishes, and related products (285)
- 191 Agricultural chemicals (287)
- 192 Industrial and miscellaneous chemicals (281, 286, 289)

Petroleum and coal products

- 200 Petroleum refining (291)
- 201 Miscellaneous petroleum and coal products (295, 299)

Rubber and miscellaneous plastics products

- 210 Tires and inner tubes (301)
- 211 Other rubber products, and plastics footwear and belting (302-306)
- 212 Miscellaneous plastics products (308)

Leather and leather products

- 220 Leather tanning and finishing (311)
- 221 Footwear, except rubber and plastic (313, 314)
- 222 Leather products, except footwear (315-317, 319)

Durable Goods

Lumber and wood products, except furniture

- 230 Logging (241)
- 231 Sawmills, planing mills, and millwork (242, 243)
- 232 Wood buildings and mobile homes (245)
- 241 Miscellaneous wood products (244, 249)
- 242 Furniture and fixtures (25)

Stone, clay, glass, and concrete products

- 250 Glass and glass products (321-323)
- 251 Cement, concrete, gypsum, and planter products (324, 327)
- 252 Structural clay products (325)
- 261 Pottery and related products (326)
- 262 Miscellaneous nonmetallic mineral and stone products (328, 329)

Metal industries

- 270 Blast furnaces, steelworks, rolling and finishing mills (331)
- 271 Iron and steel foundries (332)
- 272 Primary aluminum industries (3334, part 334, 3353-3355, 3363, 3365)
- 280 Other primary metal industries (3331, 3339, part 334, 3351, 3356, 3357, 3364, 3366, 3369, 339)
- 281 Cutlery, handtools, and general hardware (342)
- 282 Fabricated structural metal products (344)

290	Screw machine products (345)
291	Metal forgings and Stampings (346)
292	Ordnance (348)
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
	Machinery and computing equipment
310	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
320	Metalworking machinery (354)
321	Office and accounting machines (3578, 3579)
322	Computers and related equipment (3571-3577)
331	Machine, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
	Electrical machinery, equipment, and supplies
340	Household appliances (363)
341	Radio, TV, and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
350	Not specified electrical machinery, equipment, and supplies
	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)
352	Aircraft and parts (372)
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
370	Cycles and miscellaneous transportation equipment (375, 379)
	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382 exc. 3827)
372	Medical, dental, and optical instruments and supplies (3827, 384, 385)
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 exc. 394)
392	Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES

Transportation

400	Railroads (40)
401	Bus service and urban transit (41, except 412)
402	Taxicab service (412)
410	Trucking service (421, 423)
411	Warehousing and storage (422)
412	U.S. Postal Service (43)
420	Water transportation (44)
421	Air transportation (45)
422	Pipelines, except natural gas (46)

432 Services incidental to transportation (47)

Communications

440 Radio and television broadcasting and cable (483, 484)

441 Telephone communications (481)

442 Telegraph and miscellaneous communications services (482, 489)

Utilities and sanitary services

450 Electric light and power (491)

451 Gas and steam supply systems (492, 496)

452 Electric and gas, and other combinations (493)

470 Water supply and irrigation (494, 497)

471 Sanitary services (495)

472 Not specified utilities

WHOLESALE TRADE

Durable Goods

500 Motor vehicles and equipment (501)

501 Furniture and home furnishings (502)

502 Lumber and construction materials (503)

510 Professional and commercial equipment and supplies (504)

511 Metals and minerals, except petroleum (505)

512 Electrical goods (506)

521 Hardware, plumbing and heating supplies (507)

530 Machinery, equipment, and supplies (508)

531 Scrap and waste materials (5093)

532 Miscellaneous wholesale, durable goods (509 exc. 5093)

Nondurable Goods

540 Paper and paper products (511)

541 Drugs, chemicals and allied products (512, 516)

542 Apparel, fabrics, and notions (513)

550 Groceries and related products (514)

551 Farm-product raw materials (515)

552 Petroleum products (517)

560 Alcoholic beverages (518)

561 Farm supplies (5191)

562 Miscellaneous wholesale, nondurable goods (5192-5199)

571 Not specified wholesale trade

RETAIL TRADE

580 Lumber and building material retailing (521, 523)

581 Hardware stores (525)

582 Retail nurseries and garden stores (526)

590 Mobile home dealers (527)

591 Department stores (531)

592 Variety stores (533)

600 Miscellaneous general merchandise stores (539)

601 Grocery stores (541)

602	Dairy products stores (545)
610	Retail bakeries (546)
611	Food stores, n.e.c. (542, 543, 544, 549)
612	Motor vehicle dealers (551, 552)
620	Auto and home supply stores (553)
621	Gasoline service stations (554)
622	Miscellaneous vehicle dealers (555, 556, 557, 559)
623	Apparel and accessory stores, except shoe (56, except 566)
630	Shoe stores (566)
631	Furniture and home furnishings stores (571)
632	Household appliance stores (572)
633	Radio, TV, and computer stores (5731, 5734)
640	Music stores (5735, 5736)
641	Eating and drinking places (58)
642	Drug stores (591)
650	Liquor stores (592)
651	Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652	Book and stationary stores (5942, 5943)
660	Jewelry stores (5944)
661	Gift, novelty, and souvenir shops (5947)
662	Sewing, needlework and piece goods stores (5949)
663	Catalog and mail order houses (5961)
670	Vending machine operators (5962)
671	Direct selling establishments (5963)
672	Fuel dealers (598)
681	Retail florists (5992)
682	Miscellaneous retail stores (593, 5948, 5993-5995, 5999)
691	Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

700	Banking (60 exc. 603 and 606)
701	Savings institutions, including credit unions (603, 606)
702	Credit agencies, n.e.c. (61)
710	Security, commodity brokerage, and investment companies (62, 67)
711	Insurance (63, 64)
712	Real estate, including real estate-insurance offices (65)

BUSINESS AND REPAIR SERVICES

721	Advertising (731)
722	Services to dwellings and other buildings (734)
731	Personnel supply services (736)
732	Computer and data processing services (737)
740	Detective and protective services (7381, 7382)
741	Business services, n.e.c. (732, 733, 735, 7383-7389)
742	Automotive rental and leasing, without drivers (751)
750	Automobile parking and carwashes (732, 7542)
751	Automotive repair and related services (753, 7549)

- 752 Electrical repair shops (762, 7694)
- 760 Miscellaneous repair services (763, 764, 7692, 7699)

PERSONAL SERVICES

- 761 Private households (88)
- 762 Hotels and motels (701)
- 770 Lodging places, except hotels and motels (702, 703, 704)
- 771 Laundry, cleaning, and garment services (721 exc. part 7219)
- 772 Beauty shops (723)
- 780 Barber shops (724)
- 781 Funeral service and crematories (726)
- 782 Shoe repair shops (725)
- 790 Dressmaking shops (part 7219)
- 791 Miscellaneous personal services (722, 729)

ENTERTAINMENT AND RECREATION SERVICES

- 800 Theaters and motion pictures (781-783, 792)
- 801 Video tape rental (784)
- 802 Bowling centers (793)
- 810 Miscellaneous entertainment and recreation services (791, 794, 799)

PROFESSIONAL AND RELATED SERVICES

- 812 Offices and clinics of physicians (801, 803)
- 820 Offices and clinics of dentists (802)
- 821 Offices and clinics of chiropractors (8041)
- 822 Offices and clinics of optometrists (8042)
- 830 Offices and clinics of health practitioners, n.e.c. (8043, 8049)
- 831 Hospitals (806)
- 832 Nursing and personal care facilities (805)
- 840 Health services, n.e.c. (807, 808, 809)

- 841 Legal services (81)
- 842 Elementary and secondary schools (821)
- 850 Colleges and universities (822)
- 851 Vocational schools (824)
- 852 Libraries (823)
- 860 Educational services, n.e.c. (829)
- 861 Job training and vocational rehabilitation services (833)
- 862 Child day care services (part 835)
- 863 Family child care homes (part 835)
- 870 Residential care facilities, without nursing (836)
- 871 Social services, n.e.c. (832, 839)
- 872 Museums, art galleries and zoos (84)
- 873 Labor unions (863)
- 880 Religious organizations (866)
- 881 Membership organizations, n.e.c. (861, 862, 864, 865, 869)

882	Engineering architectural and surveying services (871)
890	Accounting, auditing, and bookkeeping services (872)
891	Research, development, and testing services (873)
892	Management and public relations services (874)
893	Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

900	Executive and legislative offices (911-913)
901	General government, n.e.c. (919)
910	Justice, public order, and safety (92)
921	Public finance, taxation, and monetary policy (93)
922	Administration of human resources programs (94)
930	Administration of environmental quality and housing programs (95)
931	Administration of economic programs (96)
932	National security and international affairs (97)
991	Military

CHANGES BETWEEN 1980 AND 1990 INDUSTRY CLASSIFICATION SYSTEMS

CODE		TITLE CHANGED	1990 TITLE
1980	1990	'80 TO '90	(Except where noted)
--	012	New	Veterinary services
021	020	X	Landscape and horticultural services
020	030	X	Agricultural services, n.e.c.
030	031	S	Forestry
031	032	S	Fishing, hunting, and trapping
S	042	X	Oil and gas extraction
S	102	X	Canned, frozen, and preserved fruits and vegetables
S	141	X	Carpets and rugs
S	281	X	Cutlery, handtools, and general hardware
S	322	X	Computers and related equipment
S	372	X	Medical, dental, and optical instruments and supplies
382	--	Deleted	(Old) Not specified professional equipment
S	440	X	Radio and television broadcasting and cable
S	441	X	Telephone communications
460	450	S	Electric light and power
461	451	S	Gas and steam supply systems
462	452	S	Electric and gas, and other combinations
S	510	X	Professional and commercial equipment and supplies
522	--	Deleted	(Old) Not specified electrical and hardware products
630	623	S	Apparel and accessory stores, except shoe
631	630	S	Shoe stores
632	631	S	Furniture and home furnishings stores
--	632	New	Household appliance stores
640	633	X	Radio, TV, and computer stores
--	640	New	Music stores
--	661	New	Gift, novelty, and souvenir shops
661	662	S	Sewing, needlework, and piece goods stores
662	663	X	Catalog and mail order houses
S	672	X	Fuel dealers
S	701	X	Savings institutions, including credit unions
S	712	X	Real estate, including real estate-insurance offices
730	891	XX	Combined with category 891
740	732	S	Computer and data processing services
741	740	S	Detective and protective services
742	741	S	Business services, n.e.c.
--	742	New	Automotive rental and leasing, without drivers
S	750	X	Automobile parking and carwashes
S	751	X	Automotive repair and related services
--	801	New	Video tape rental
801	802	X	Bowling centers
802	810	S	Miscellaneous entertainment and recreation services
S	812	X	Offices and clinics of physicians
S	820	X	Offices and clinics of dentists
S	821	X	Offices and clinics of chiropractors
S	822	X	Offices and clinics of optometrists

S	830	X	Offices and clinics of health practitioners, n.e.c.
S	851	X	Vocational schools
--	863	New	Family child care homes
--	873	New	Labor unions
S	881	X	Membership organizations, n.e.c.
S	891	X	Research, development, and testing services
732	892	X	Management and public relations services
892	893	S	Miscellaneous professional and related services

Deleted	-	Category not in 1990 system.
New	-	New category for 1990.
S	-	1980 code same as 1990 or 1980 title same as 1990.
X	-	Title changed for this industry.
XX	-	Category consolidated with another industry in 1990.
--	-	No code

CHANGES BETWEEN 1980 AND 1990 OCCUPATIONAL CLASSIFICATION SYSTEM

CODE		TITLE CHANGE		1990 TITLE
1980	1990	'80	TO '90	(Except Where Noted)
017	016		S	Postmasters and mail superintendents
*	017		New	Managers, food serving and lodging establishments
016	018		S	Managers, properties and real estate
018	019		S	Funeral directors
*	021		New	Managers, service organizations, n.e.c.
019	022		S	Managers and administrators, n.e.c.
S	098		X	Respiratory therapists
349	353		XX	(Old) Telegraphers
S	353		S	Communications equipment operators, n.e.c.
S	368		X	Weighers, measurers, checkers and samplers
369	368		XX	(Old) Samplers
S	436		X	Cooks
437	436		XX	(Old) Short order cooks
463	461		S	Guides
464	462		S	Ushers
465	463		S	Public transportation attendants
466	464		S	Baggage porters and bellhops
467	465		S	Welfare service aides
**	466		New	Family child care providers
**	467		New	Early childhood teacher's assistants
S	468		X	Child care workers, n.e.c.
633	628		S	Supervisors, production occupations
673	674		XX	(Old) Apparel and fabric patternmakers
S	674		S	Miscellaneous precision apparel and fabric workers
S	734		X	Printing press operators
794	795		XX	(Old) Hand grinding and polishing occupations
S	795		S	Miscellaneous hand working occupations
S	804		X	Truck drivers
805	804		XX	(Old) Truck drivers, light
863	864		S	Supervisors, handlers, equipment cleaners, and laborers
864	865		S	Helpers, mechanics and repairers
865	866		S	Helpers, construction trades
866	867		S	Helpers, surveyor
867	868		S	Helpers, extractive occupations
873	874		S	Production helpers

--	-	No code
New	-	New category for 1990
S	-	1990 code same as 1980 or 1990 title same as 1980
XX	-	Category consolidated with another
x	-	Title change for this occupation
*	-	Part of 019 in 1980
**	-	Part of 468 in 1980

**ATTACHMENT 5: ELECTRONIC QUESTION BY
QUESTION SPECIFICATIONS
FOR THE NLSY79 YA CAPI QUESTIONNAIRE**

INTRODUCTION

In a computer-assisted personal interview (CAPI), interviewers have ready access to general and specific instructions that guide them in the administration of the electronic questionnaire. These “help screens” replace the traditional hard copy question-by-question instructions provided to interviewers for a paper-and-pencil interview.

This section contains the help screens available in the CAPI questionnaire for the 2000 NLSY79 Young Adult survey. These help screens were physically linked to the appropriate questions in the CAPI instrument and were available electronically to the interviewer during the administration of the survey. To assist the reader, this introduction provides an interpretation of the different types of information contained in the screen blocks.

The first line in each help screen block indicates the name of that help screen. Following the help screen name is a header containing the name of the first question in the instrument to which that help screen is attached, as well as a brief verbal description of the question. Users may wish to note that this header line does not appear to the interviewer at any time. The name is then followed by the actual text of the help screen that would be seen by the interviewer. Finally, the “Related Questions” section indicates all survey questions to which that help screen is attached.

HELP SCREENS

main-menu.3a

Header: HH2-1: Person who owns or rents home

The objective of this question is to determine if the person who owns or rents R's home also lives with R. If the person who owns or rent R's home lives with R s/he should be included on the household roster. Add to the household roster by answering "Yes" to this question and follow the instructions on the next screen.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster. Therefore, if R owns or rents his/her own home, go on to the next question.

Related Questions: HH1-1-b HH2-1

main-menu.3b

Header: HH2-1B: Husband/wife living in HH?

If the R has a husband or wife or if the person who owns or rents R's or home has a husband or wife who LIVES IN R's HOUSEHOLD, the answer to this question should be "Yes." Follow the instructions on the next screen to add to the household roster.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster. Therefore, if R is the husband or wife referred to in the question, do not include R on the household roster.

Related Questions: HH2-1B

main-menu.3c

Header: HH2-1D: R or other have children in HH?

The objective of this question is to determine if R or any persons who live with R have any children who live in the household. If there are any children living in R's household they should be added to the household roster by answering "Yes" to this question. Then follow the instructions on the next screen.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster. Therefore, if R is living with his/her parent(s) and the parent(s) has no other children living in the household besides the R, you should NOT add the R to the household roster.

Related Questions: HH2-1D

main-menu.3d

Header: HH2-1F: Other persons related to R in HH

If there are any OTHER persons related to the R living in R's household that were not already mentioned, make sure they are added to the household roster by answering "Yes" to this question. Then follow the instructions on the next screen.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster.

Related Questions: HH2-1F

main-menu.3e

Header: HH2-2: Other persons NOT related to R

If there are any OTHER persons not related to the R living in R's household that were not already mentioned, make sure they are added to the household roster by answering "Yes" to this question. Then follow the instructions on the next screen.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster.

Related Questions: HH2-2

main-menu.4

Header: HH2-4: Babies/roomers, etc. in HH

Add any newborn children, step-children, adopted children, roomers, boarders, or other relatives that have not already been mentioned to the household roster by answering "Yes" to this question. Then follow the instructions on the next screen.

Examples of other relatives: R's siblings or children who are away at school, or R's spouse who is temporarily away on business.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster.

Related Questions: HH2-4

main-menu.4a

Header: HH2-6: Other persons in HH that are away

Add any persons who usually stay in R's residence that have not already been mentioned to the household roster by answering "Yes" to this question. Then follow the instructions on the next screen.

Examples of other relatives: R's siblings or children who are away at school, or R's spouse who is temporarily away on business.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster.

Related Questions: HH2-6

main-menu.5

Header: HH2-8: Missed anyone in HH?

Add any persons who usually stay in R's residence that have not already been mentioned to the household roster by answering "Yes" to this question. Then follow the instructions on the next screen.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster.

Related Questions: HH2-8 HH2-11

main-menu.6

Header: FIX-HH-ROSTER: Correct HH roster

At this point you should add or delete names from the household roster accordingly.

Remember: The R is NOT included in the household roster. If the R lives alone there will be no one listed on the household roster.

Related Questions: FIX-HH-ROSTER

main-menu.7

Header: Q2-1a: Birthdate

If the R's correct birthdate makes him/her 14 or younger as of 12/31/2000, terminate the interview and notify your Field Manager of the problem.

Related Questions: Q2-1a Q2-1b

main-menu.8

Header: Q2-1d: Age of young adult

If the R's correct birthdate makes him/her 14 or younger as of 12/31/2000, terminate the interview and notify your Field Manager about the problem.

Related Questions: Q2-1d

main-menu.10

Header: Q2-24a,27b,29,31,31a: R last lived w/ father

Time units are in: Years ago

Months ago

Weeks ago

Related Questions: Q2-24A
31a

Q2-27b

Q2-29

Q2-31

Q2-

main-menu.11

Header: Q2-33: Father work for pay in 1999?

By "working" we mean working for pay at a job, or running one's own business or profession or working without pay in the family farm or business. Pay includes work for wages or salary, piece rates, commission, tips, or "in kind wages."

Related Questions: Q2-33

main-menu.12

Header: Q2-33c,33cc: Worked < or > 35 hours

This question refers to the number of hours worked at all jobs.

Related Questions: Q2-33c

Q2-33cc

Q7-27I

main-menu.12a

Header: Q2-39: What is your origin or descent?

If R does not know and R wants to check with other members of the family, this is fine. However, do not suggest to him that he should check with other family members.

If R mentions a country with which you are unfamiliar, code "other" and get the proper spelling. If R is also unsure about the spelling make a note in the "Comments" field.

Related Questions: Q2-39

main-menu.12b

Header: Q2-42c: What is R's present religion

If R gives more than one religion, record verbatim in the "Comments" field and then probe "Which of these religions do you feel closest to?" Make a note in the "Comments" field that you used this probe.

If R says "Protestant" or "Christian" use the probe: "What denomination was that, if any?"

If R does not understand the probe above, ask: "What specific type of Protestant or Christian -- does your religion have another name?"

Related Questions: Q2-42c

main-menu.13

Header: Q3-2: Marital History

If R is not formally married but is living with a member of the opposite sex, enter "married" ONLY if the R volunteers that s/he is "living as married" or is "married by common law." If the R says s/he is living with someone or living with a partner then enter "Not married, but living with a partner."

You may code "separated" even if the separation is not legally filed.

You may code "Never married" if his/her only marriage ended in an annulment.

Related Questions: Q3-2

main-menu.13a

Header: Q3-3: Has R ever been officially married?

Code "Yes" even if R reported an annulment.

Related Questions: Q3-3

main-menu.42

Header: Q3YA-15A: Weeks partner worked in 1993

"Work around the house" means unpaid housework, such as upkeep and maintenance (not work done for pay, such as stuffing envelopes or piecework).

Related Questions: Q3YA-15A

main-menu.45

Header: Q4-1: Reglr School-Generl (Page 1 of 3)

A "regular school" is one which gives credit towards an academic diploma or degree, such as an elementary school, junior high school, middle school, high school, (junior/community) college or university.

Certain courses at special schools and programs in such areas as applied technologies (e.g., data processing) and nursing sciences do grant credits which can be applied towards a regular academic diploma or degree. Consider these programs "regular school." In general, however, these special schools give certificates rather than diplomas or degrees; they will be dealt with later during the interview.

EXAMPLE: If R is attending a community college to earn an Associate's Degree and is taking classes in computer programming, the classes would be considered regular school. If the R is attending a vocational/technical institute to earn a computer programmer's certificate and is taking classes in computer programming, the classes would not be considered regular school.

Consider R to be "attending" if s/he is taking courses that can be applied toward an academic degree, even if s/he is not formally enrolled or taking the course for credit. Do not include courses taken to prepare for the GED.

Rs on summer vacation are considered enrolled. In ambiguous cases, consider R to be enrolled if s/he intends to return to school (has not dropped out or formally left). In these cases, code the grade that R will be enrolled in.

Related Questions: Q4-1

Q4-5C

main-menu.48

Header: Q4-2: Year of school R is currently in

If the R has obtained his/her B.A or B.S. and is currently enrolled in his/her first year of graduate school, code "5th year of college" regardless of whether s/he is working toward a Master's or Ph.D. degree.

If R is taking college courses informally at what we would consider a regular school and is unsure at what year in college s/he would be, probe for the number of semester hours or quarter hours he completed. Then code accordingly:

Semester hours:	Quarter hours:
1st year: less than 30	less than 45
2nd year: 30 - 59	45 - 89
3rd year: 60 - 89	90 - 134
4th year: 90 or more	135 or more

Related Questions: Q4-2

main-menu.49

Header: Q4-4,4a: Statements describing schools

Read the categories slowly and carefully. Train R to respond according to the categories listed below - do not try to "interpret" a response.

Related Questions: Q4-4a

main-menu.50

Header: Q4-7,13: Main reason R left school (1/3)

Select: (Self-explanatory answer categories not listed)

RECEIVED DEGREE, COMPLETED COURSEWORK: If the R has left high school or college because s/he received his/her diploma or degree or if s/he has received all the additional education/courses s/he had wanted or planned.

GETTING MARRIED: If the R cited "getting married" as the primary reason, including leaving school to prepare to get married or leaving school at the time of or after the marriage.

PREGNANCY: If the R cites pregnancy or having a child as the reason for leaving school.

LACK OF ABILITY, POOR GRADES: If the R gives reasons such as "I was failing" or "I was no good in school."

Select: (Self-explanatory answer categories not listed)

OTHER REASONS DID NOT LIKE SCHOOL: Probe on this response. This category would include such things

-dislike of teachers -classes boring -just tired of school -didn't like to study -just didn't like school

HOME RESPONSIBILITIES: If the R had to take care of his/her children or family members. This would include such things as an illness in the family or needing childcare.

OFFERED A GOOD JOB, CHOSE TO WORK: If the R said s/he left school because s/he was offered a good job or preferred to work. Make sure the distinction is made that the R was CHOOSING to work; if the R needed to work or could not afford classes, you would select "Financial difficulties, couldn't afford to attend."

Select: (Self-explanatory answer categories not listed)

FINANCIAL DIFFICULTIES, COULDN'T AFFORD TO ATTEND: If the R specifically mentions that s/he did not have enough money to attend school. That is, s/he could not go to school because of such expenses as books, tuition, or transportation to and from school.

Related Questions: Q4-7

Q4-13

main-menu.53

Header: Q4-18a: Highest grade attended

Remember, the highest grade attended does not necessarily mean the R completed that grade. If the R has completed GED training and has the equivalent of a high school diploma, you would still only enter the highest grade R completed in regular school, which DOES NOT include the GED training.

A "regular school" is one which gives credit towards an academic diploma or degree, such as an elementary school, junior high school, middle school, high school, (junior/community) college or university.

Related Questions: Q4-18a

main-menu.54

Header: Q4-19: Highest grade completed/credit

The highest grade completed is not always one grade less than the highest grade attended. For example, a person may have skipped a grade or gone to his/her first year of college without completing high school or the 12th grade. Therefore, it is necessary to ask ALL respondents this question.

A "regular school" is one which gives credit towards an academic diploma or degree, such as an elementary school, junior high school, middle school, high school, (junior/community) college or university.

We are asking for the highest GRADE completed, not the number of calendar years they've gone to school.

Related Questions: Q4-19

main-menu.56

Header: Q4-28: High school diploma or GED test?

"GED" -- General Education Diploma, which is obtained by passing a high school equivalency test.

Related Questions: Q4-28

main-menu.57

Header: Q4-29: High School diploma or GED

"GED" -- General Education Diploma, which is obtained by passing a high school equivalency test.

Related Questions: Q4-29

main-menu.57a

Header: Q4-30b: Date received GED

"GED" -- General Education Diploma, which is obtained by passing a high school equivalency test.

Related Questions: Q4-30b

main-menu.57b

Header: Q4-43a: High School Program type

If the R says s/he does not know the kind of program it was/is, you may offer the definitions below of different programs:

Vocational: A school which offers courses relating to technical skills such as carpentry, bricklaying, welding, etc.

Commercial: A school which offers courses relating to business skills, such as typing and bookkeeping.

College Preparatory: A school which offers courses taken to acquire skills necessary for college.

General: A school which offers courses not specifically meant to acquire any of the above skills.

Related Questions: Q4-43a

main-menu.58a

Header: Q4-58: College/University attended

When entering the name of the college or university, be specific. Ask for the campus location or site, and get the full name. If the R says s/he attended "the University of Wisconsin", probe for the specific campus (e.g., at Parkside, Milwaukee, Madison, etc.).

Related Questions: Q4-55E Q4-58

main-menu.60

Header: Q4-63: Name of degree received

When entering "Other," remember that "Professional Degree" includes certificates, medical, and law degrees.

Related Questions: Q4-63 Q4-64C

main-menu.61

Header: Q4-63a,64: What is/was R's major? (1/2)

Ask for R's main field of study, emphasis, or "major."

Related Questions: Q4-63a Q4-64

main-menu.63

Header: Q4-67: Part- or full-time student?

There are no definitions for these categories; if R asks tell him/her it is "whatever this means to you." These are school-specific and degree level specific.

Related Questions: Q4-67

main-menu.63a

Header: Q4-68: Full-time tuition and fees?

Full-time tuition is the amount of payment the school requires for carrying a full program of study for the school year.

- ?? It does not include payment for room and board or expenditures for books and supplies.
- ?? If the R gives you the tuition rate by semester, work with him/her to convert it to a yearly rate by multiplying it by 2.
- ?? If s/he gives the rate by quarter, work with the R to convert it to a yearly rate by multiplying it by 3.
- ?? Record the answer in whole dollars.

Related Questions: Q4-68

Q4-68b

main-menu.63c

Header: Q4-69: Did R receive a loan?

A loan means financial assistance which must be repaid. A loan can either come from a bank or from R's parents, other relatives, or friends, etc.

Related Questions: Q4-69

main-menu.63d

Header: Q4-72,73a, etc.: Other financial aid?

Other kinds of financial aid:

- ?? Scholarships, grants, and tuition waivers refer to types of financial aid which do not have to be repaid.
- ?? An assistantship usually requires that the person perform some service such as teaching, research, grading papers, or other duties in order to receive the financial aid.
- ?? A Veteran's Educational Benefit makes financial aid available through the G.I. Bill.
- ?? "Military educational assistance program" refers to aid R may have received to help him/her attend regular school while s/he was serving in the military.

Related Questions: Q4-72

Q4-73i

main-menu.63e

Header: Q4-74b,74c: Other relatives helped pay?

This is where you would include any gifts of money, meaning financial assistance which need NOT be repaid. It includes money given to R by his/her parents to pay tuition or living expenses. If R lives at home, be sure s/he thinks of his/her "room and board" there as receiving "help in paying living expenses."

Related Questions: Q4-74b

Q4-74c

main-menu.64

Header: Q4-75: Grade/yr of school R would like

If R says "a college degree" probe for whether s/he would like to complete a two-year program for a junior college or associate's degree OR a four-year program for a B.A. or B.S. degree.

Remember, this refers to R's ideal, whether or not R hopes to realize his/her goal in the near future or at some later time in his/her life.

Related Questions: Q4-75

main-menu.65

Header: Q4-76: Grade/yr of school R will actual

In this question, record the amount of education that the R feels it will be possible for him/her to obtain, considering such factors as finances, family situation, ability, etc.

Related Questions: Q4-76

main-menu.65a

Header: Q5-3: Coding military service

"Active Forces" means full-time military service (excluding service in the National Guard).

If R is in the Active Forces they will seldom have another job; the service is their "full-time" job.

If the R answers s/he was in the ARMY, NAVY, AIR FORCE, MARINE CORPS OR COAST GUARD, and not in the RESERVES or the NATIONAL GUARD of one of these branches, then the R would be in the Active Forces. (See also Q4-1A, Q4-1B AND Q4-2)

Related Questions: Q5-3

Q5-3F

Q5-3H

main-menu.68

Header: Q5-: Previous military service

This question, and the next few, are for Rs who have served in the military, but are no longer serving in that branch.

Related Questions: Q7-2B

Q7-2C

main-menu.82

Header: Q6-5: Unpaid work in family business

This question is asked to determine if the R did any work for which s/he would receive profits, which would then classify him/her as having worked.

Related Questions: Q7-26B

main-menu.136

Header: Q7-8E: Is R on layoff?

A person is on LAYOFF if:

-s/he is waiting to be recalled to a job from which they were temporarily separated for business-related reasons such as temporary drops in demand, business downturns, plant remodeling, material shortages, and inventory taking. They must have been given a date to report back to work or, if not given a date, must expect to be recalled to the job within 6 months.

Related Questions: Q7-27H

main-menu.136c

Header: Q7-23G: Did R work since DLI

R WORKED if:

- ?? R did any activity for wages or salary, for profit or fees, or for payment in kind. One hour or more of such activity constitutes work.
- ?? R received part of the profits from the business/farm, (or would have if the business or farm had not operated at a loss), regardless of the number of hours worked during the reference week.
(Exception listed below)

R DID NOT WORK if:

- ?? R received profits from a business which s/he owns for investment purposes only and does not participate in the management or actual operations of the business
- ?? R was on jury duty or National Guard/Reserve duty
- ?? R did unpaid work that did not contribute to the family business/farm or did unpaid work for an unrelated household member or relative not in HH

Related Questions: Q7-1

main-menu.137

Header: Q7-26: Name of employer

Record the full and exact name of the company, business, government agency or other employer. Probe for the full name of an employer if an acronym or abbreviation is given.

Enter the name of the company, not the name of the supervisor, foreman, or owner. For employees whose employers do not have company names, such as dentists, lawyers, construction contractors, etc., enter the name of the owner.

If the R questions why we must know his/her employer's name, explain that because we will be talking about several jobs which s/he might have had, it becomes less confusing if we can refer to each of the different jobs by the employer name.

Related Questions: Q7-26

main-menu.137a

Header: Q7-26A: Did R have more than one job?

Most multiple job holders hold two or more wage and salary jobs or are self-employed on one job and a wage/salary employee on another job. (Also included are people who started and ended jobs in the same week.)

The following situations are NOT multiple job holding:

- ?? an individual who has more than one employer but only one job -e.g. a maid
- ?? an individual who has more than one client but only one job -e.g. a lawyer
- ?? an individual who owns two or more unincorporated businesses (and has no wage and salary job)
- ?? an individual who has more than one contract or one piece of work but only one job -e.g. a general contractor or construction worker

Related Questions: Q7-26A

main-menu.140

Header: QES-5: Gaps: Month or more away frm wrk

This question also includes PAID maternity leave.

Related Questions: QES-5

main-menu.153

Header: QES-51: # of hrs R works per week

- ?? USUALLY is 50% of the time or more, or most of the frequent schedule during the past 4 or 5 months.
- ?? Use whole numbers (count 30 minutes or more as a whole hour).
- ?? Probe for an exact number when a person provides a range of hours.
- ?? Obtain the usual hours a person expects to work for a person whose job started during the reference week.
- ?? Include extra hours usually worked even if they are without compensation.

Related Questions: Q7-28

main-menu.169, main-menu.170 (2-page screen)

Header: QES-55E: Bsns/industry of job

Get as accurate a description of the business or industry as you can. Probe for clarity. Avoid the use of the word "company" as it gives no useful information.

ADDITIONAL QUESTIONS TO HELP THE R: If the R reports that s/he works for a metal furniture company, ask, "Do they manufacture it or do they just sell it?" If they sell, ask, "Do they sell to other stores, (which would be wholesale), or to individuals, (retail)?"

COMPANIES WITH MORE THAN ONE BUSINESS: Some companies are engaged in more than one business or industrial activity. If the activities are carried on in separate places, describe the business in which the R actually worked. If the activities are carried on in the same place, describe the major activity of that company in that location.

BUSINESSES IN OWN HOME: Some people conduct their businesses right in their own homes. Report these businesses as you would report regular business establishments. For example: radio repair shop, dressmaker shop, catering business, etc.

DOMESTIC AND OTHER PRIVATE HOUSEHOLD WORKERS: When an R works for a single individual, the name of the employer is given in a previous Q.; then find out whether the R works at a place of business or in a private home. The proper industry entry for a domestic worker employed in the home of another person is "private home."

HOW TO REPORT GOVERNMENT AGENCIES: If the business or main activity of a government employer is not clear, ask in what part of the organization the R works and then report that activity. For example: street repair, garbage collection, water supply, etc.

Related Questions: QES-55E

main-menu.170a

Header: QES1-55G: Manufact/Retail/Wholesale, etc

Ask this question if the answer is not apparent.

MANUFACTURING: A manufacturing plant makes products and sells them in large lots to other manufacturers, wholesalers, or retailers.

RETAIL TRADE: A retailer sells primarily to individual consumers or users but seldom makes products.

WHOLESALE TRADE: A wholesale establishment buys, rather than makes, products in large quantities for resale to retailers, industrial users, or to other wholesalers.

OTHER establishments should be classified as "something else." Examples are hotels, laundries, banks, telephone companies, doctors' offices, mines, farms, advertising agencies, and automobile repair shops. Some firms are engaged in more than one activity. Describe either the business that is carried on where the R works or the MAIN activity of the company.

Related Questions: QES-55G

main-menu.170b, main-menu.170c, main-menu.170d (3-page screen)

Header: QES-55H: Kind of work R does/did

In this question we were talking about the one employer being referred in this employer supplement. If R performed two different duties for the same employer (e.g. worked as waitress and supervised staff), probe to determine R spent more than 50 percent of his/her time last week on one duty or the other. If R did spend more than 50 percent of the time on one duty get a description of that duty only. If R split his/her hours equally between the two duties, ask this series about both duties.

Self-employed: When a R is self-employed, do not enter "manager" as the occupation UNLESS the R actually spends most of his/her time in the management of the business. If the R spends most of his/her time in the trade or craft of the business, enter that trade or craft (beautician, dentist, etc.)

Avoid occupation entries that describe departments of places of work: The occupation entry should describe what the person does (for example, shipping department supervisor, inventory clerk) not where they work ("works in the shipping department," "works in the warehouse").

Apprentice vs. trainee: Include both the occupation and the word "trainee" or "apprentice" in the description (for example "apprentice plumber").

Machinist vs. Machine operator vs. mechanic: A machinist is a skilled craftsman who constructs metal parts, tools, and machines through the use of blueprints, machine and hand tools, and precise measuring instruments. A machine operator runs a factory machine, and a mechanic inspects, services, repairs, or overhauls machinery.

For difficult to code occupations, use these suggested probes:

OCCUPATION: SUGGESTED PROBE:

Assembler:	What do you assemble? (examples: cars, electric motors)
Clerk:	What type of clerk are you? (examples: accounting, shipping)
Engineer:	What kind of engineer are you? (examples: civil, electrical)
Inspector:	What types of things do you inspect? (examples: cars, houses)
Manager:	What type of manager are you? (examples: hotel, office, store)
Machinist:	Do you set up and operate machines?
Mechanic:	What type of mechanic are you? (examples: auto body, appliance)
Nurse:	What type of nurse are you? (examples: registered, practical)
Researcher:	What field of research are you in?
Supervisor:	Who or what do you supervise? (examples: clerks, laborers)
Teacher:	At what level do you teach? (examples: elementary, high school)

Related Questions: QES-55H

main-menu.170e

Header: QES-55J: Main activities/duties of R

This question asks for the R's most important activities or duties. (For example, if the R is employed as a waiter, his most important duties might be taking orders and serving customers; if the R is employed as a nurse his/her most important duties might be checking a patient's blood pressure and ordering medications.)

The response to this Q. will give you the information needed to make the R's occupation description complete, and thus, adequate. If the combination of this response and the previous response does not give an adequate description of the R's occupation, ask additional probing questions.

Related Questions: QES-55J

main-menu.171, main-menu.172 (2-page screen)

Header: QES-56B: Type of co.-defntns

Be sure to read all four categories before allowing R to respond. If R responds before you finish, politely tell him/her that you must read the question exactly the same way to everyone, so you must finish reading all the categories before recording his/her answer.

GOVERNMENT: Can be one of three types: federal, state, or local **PRIVATE COMPANY:** work for wages, salary, commission, tips, piece-rates or pay in kind; this applies regardless of the occupation at which the employee worked.

NON-PROFIT ORGANIZATION: settlement houses, churches, unions, and other private nonprofit organizations.

SELF-EMPLOYED : working for profit or fee in own business. This does not apply to superintendents, foremen, managers, or other executives hired to manage a business or farm, salesmen working for commission, or officers of corporations.

WORKING IN A FAMILY BUSINESS: working without pay on a farm or business operated by a related member of the household. Room and board and a cash allowance are not counted as pay for these family workers; however, if the worker receives money which is definitely considered to be wages for work performed, s/he should be marked as working for a private company.

Related Questions: QES-56C

main-menu.173

Header: QES-56D: Types govt employees-defntns

FEDERAL GOVERNMENT EMPLOYEES: include Rs working for any branch of the federal government. Also includes Rs elected to paid federal offices and civilian employees of the armed forces and some members of the National Guard. Employees of international organizations are included.

STATE GOVERNMENT EMPLOYEES: include paid state officials, state police, and employees of state universities and colleges.

LOCAL GOVERNMENT EMPLOYEES: include Rs employed by cities, towns, counties, and other local areas. Also included here would be employees of city-owned businesses, electric power companies, water and sewer services, etc. Employees of public elementary and secondary schools also work for local government.

Related Questions: QES-56D

main-menu.174

Header: QES-56E: Incorp/uncorp bsns - defntns

INCORPORATED: The business is a taxable entity created by a charter, and has met with all state and/or federal regulations. Acts through its officers as an individual, with by-laws and stock privately or publicly held.

UNINCORPORATED: The business is a sole-proprietor or partnership, needing only a business license to operate.

Related Questions: QES-56E

main-menu.216, main-menu.216a (2-page screen)

Header: QES-70: Earnings at job

The questions on earning refer to USUAL earnings. In cases where the respondent states that his/her earnings are not the same from week to week (or month to month) you should ask what the earnings are 50% of the time or more. If the R is unable to answer, ask for the most frequent earnings amount during the past 4 or 5 months. For annual arnings that have varied from year to year, use the annual rate for the current year. Rs who are new to their job should report their expected earnings for the current time frame.

Types of Income included as earnings: PIECE RATE, COLLEGE ASSISTANTS AND FELLOWSHIPS, ON-THE-JOB TRAINING.

Types of Income not included as earnings: PAY IN KIND, EXPENSE ACCOUNT.

PIECE RATE: May be paid in manufacturing and agricultural jobs, such as food-packaging, garment-making, and crop harvesting. This amount may vary from week to week, so try to obtain what is usually earned.

COLLEGE ASSTNTS & FELLOWSHIPS: Include earnings from these sources provided that the job associated with such earnings is the person's main job.

ON-THE-JOB TRAINING: Include earnings from a private or training government organization for on-the-job training at the person's main job.

PAY IN KIND: Do not include the value of such things as food or lodging that are received as payment for work completed. In come cases, Rs are paid entirely "in kind." This is one case where the earnings Rs would be entered as zero.

EXPENSE ACCOUNT: Do not include money paid to an employee's account for the purpose of meeting expenses incurred while carrying out his/her job.

Related Questions: QES-70

main-menu.217

Header: QES-71B: Usually receive overtime pay?

Answer "Yes" if the R USUALLY receives overtime pay, tips, or commissions, that is, 50% of the time or more. If s/he receives them only occasionally, enter "No."

Related Questions: WGSP-71B

QES-71B

main-menu.218

Header: QES-71I: What is R's hourly rate?

We are looking for an hourly rate of pay as stated by the employer, expressed precisely in dollars and cents. Do not round hourly earnings.

If the R reports a value that is a multiple of \$.50, (for example, \$5.00 or \$7.50 per hour), ask if this is an exact value. If it isn't, try to obtain a more precise figure. If the R does not know the exact amount, enter the amount the respondent stated.

Related Questions: WGSP-71I

QES-71I

QES-71J

QES-71P

main-menu.218a

Header: QES-71J: What is R's hourly rate?

We are looking for an hourly rate of pay as stated by the employer, expressed precisely in dollars and cents. Do not round hourly earnings.

If the R reports a value that is a multiple of \$.50, (for example, \$5.00 or \$7.50 per hour), ask if this is an exact value. If it isn't, try to obtain a more precise figure. If the R does not know the exact amount, enter the amount the R stated.

Related Questions: WGSP-71J

main-menu.218d

Header: QES-71P: What is R's hourly rate?

We are looking for an hourly rate of pay as stated by the employer, expressed precisely in dollars and cents. Do not round hourly earnings.

If the R reports a value that is a multiple of \$.50, (for example, \$5.00 or \$7.50 per hour), ask if this is an exact value. If it isn't, try to obtain a more precise figure. If the R does not know the exact amount, enter the amount the R stated.

Related Questions: WGSP-71P

main-menu.218e

Header: QES-71T: # of hours worked per week

Record the number of hours usually worked per week as a whole number. Count 30 minutes or more as a whole hour.

Try to get an average number of hours worked per week for a person whose schedule varies from week to week.

USUALLY means 50% of the time or more, or the most frequent schedule during the last 4 or 5 months.

Related Questions: Q3YA-15B

main-menu.218f

Header: QES-71U: # of hours worked per week

Record the number of hours usually worked per week as a whole number. Count 30 minutes or more as a whole hour.

Try to get an average number of hours worked per week for a person whose schedule varies from week to week.

USUALLY means 50% of the time or more, or the most frequent schedule during the last 4 or 5 months.

Related Questions: WGSP-71U

main-menu.218g

Header: QES-71X: What does R receive in overtm

If calculating an HOURLY rate of pay, obtain the amount as stated by the employer, expressed precisely in dollars and cents. Do not round hourly earnings.

If the R reports a value that is a multiple of \$.50, (for example, \$5.00 or \$7.50 per hour), ask if this is an exact value. If it isn't, try to obtain a more precise figure. If the R does not know the exact amount, enter the amount the R stated.

Round NONHOURLY earnings to the nearest whole dollar. If the R reports 50 cents or more beyond a whole dollar, round up to the next largest whole dollar. Otherwise, round down to the whole dollar.

Related Questions:

WGSP-71X	WGSP-71XBB	WGSP-71Xc	WGSP-71Xd	WGSP-71Xe
WGSP-71Xf	WGSP-71Xg	WGSP-72C	QES-71X	QES-71XBB
QES-71Xc	QES-71Xd	QES-71Xe	QES-71Xf	QES-71Xg

main-menu.218i

Header: QES-72C: What does R earn weekly

USUAL means 50% of the time or more, or most frequently during the past 4 or 5 months.

Round NONHOURLY earnings to the nearest whole dollar. If the R reports 50 cents or more beyond a whole dollar, round up to the next largest whole dollar. Otherwise, round down to the whole dollar.

Related Questions:

WGSP-74E	WGSP-74K-2	WGSP-74U	WGSP-75B-1	WGSP-74V
WGSP-75B-2	WGSP-75J	WGSP-75Q-1	WGSP-75K	WGSP-75Q-2
WGSP-75Y	WGSP-76F-1	WGSP-75Z	WGSP-76F-2	QES-72C

main-menu.218j

Header: QES-72G: # of hours worked per week

Record the number of hours usually worked per week as a whole number. Count 30 minutes or more as a whole hour.

Try to get an average number of hours worked per week for a person whose schedule varies from week to week.

USUALLY means 50% of the time or more, or the most frequent schedule during the last 4 or 5 months.

Related Questions: WGSP-72G

QES-72G

QES-72H

main-menu.218l

Header: QES-73D: Usual weekly earnings

USUALLY means 50% of the time or more, or the most frequent schedule during the last 4 or 5 months.

If the R is not sure if this is correct or does not agree with the amount, entering a "don't know" or a "no" response will lead to follow-up questions.

Related Questions: QES-74D

main-menu.218s

Header: QES-74D: Usual earnings (week/mn, etc.)

USUALLY means 50% of the time or more, or most frequently during the last 4 or 5 months.

Round NONHOURLY earnings to the nearest whole dollar. If the R reports 50 cents or more beyond a whole dollar, round up to the next largest whole dollar. Otherwise, round down to the whole dollar.

Related Questions: WGSP-74D WGSP-74K-1

main-menu.218t

Header: QES-76S: What is R's hourly rate?

We are looking for an hourly rate of pay as stated by the employer, expressed precisely in dollars and cents. Do not round hourly earnings.

If the R reports a value that is a multiple of \$.50, (for example, \$5.00 or \$7.50 per hour), ask if this is an exact value. If it isn't, try to obtain a more precise figure. If the R does not know the exact amount, enter the amount the respondent stated.

Related Questions: WGSP-76S

main-menu.218u

Header: QES-76T: What is R's hourly rate?

We are looking for an hourly rate of pay as stated by the employer, expressed precisely in dollars and cents. Do not round hourly earnings.

If the R reports a value that is a multiple of \$.50, (for example, \$5.00 or \$7.50 per hour), ask if this is an exact value. If it isn't, try to obtain a more precise figure. If the R does not know the exact amount, enter the amount the respondent stated.

Related Questions: WGSP-76T

main-menu.219

Header: QES-84E: Benefits available - medical

The intent of this question is to gather information about any benefits or other programs employers offer their employees, whether or not the employee takes advantage of these benefits. For example, if the R's firm offers a medical insurance plan which the R does not participate in, you would code "Yes" -- it is made available to the R.

Related Questions:

QES-84D	QES-84E	QES-84F	QES-84G	QES-84H
QES-84I	QES-84J	QES-84K		

main-menu.219g

Header: QES-84L: Benefits available - education

The intent of this question is to gather information about any benefits or other programs employers offer their employees, whether or not the employee takes advantage of these benefits. For example, if the R's company offers a medical insurance plan which the R does not participate in, you would code "Yes" -- it is made available to the R.

An education assistance program provides to the employee (not dependents) full or partial payment for tuition and/or books for training or educational courses. Job related educational assistance includes courses or training which can be used for increasing output in the same field, promotion preparation, career-development, and management for non-supervisory workers.

Related Questions: QES-84L

main-menu.219h

Header: QES-84M: Benefits available - childcare

The intent of this question is to gather information about any benefits or other programs employers offer their employees, whether or not the employee takes advantage of these benefits. For example, if the R's company offers a medical insurance plan which the R does not participate in, you would code "Yes" -- it is made available to the R.

An employer pays, either fully or partially, the cost of caring for an employee's child(ren) at a nursery, day care center, or private sitter, on or off the employer's premises, while the employee is at work.

Related Questions: QES-84M

main-menu.219i

Header: QES-84N: Sick days with full pay

This has to be fully paid leave.

Related Questions: QES-84N QES-84O

main-menu.837

Header: Q11-1: Training -- General

Remember to exclude any regular schooling that was already talked about.

Related Questions: Q11-1-a

main-menu.847

Header: Q11-17: Hours per week spent in training

Ask for the total number of hours per week spent in this training. If the R is unsure, ask for an estimate.

Related Questions: Q11-17

main-menu.918

Header: Q12-16: Verification of Child Records

Make sure all biological children of the R are listed. DO NOT delete children from the biological child roster unless R is absolutely sure the child is not his/hers. (This will be EXTREMELY rare.)

Non-biological children should NOT be listed on the biological child roster.

Remember to enter first name, middle initial and last name.

Related Questions: Q12-8A

main-menu.922

Header: Q12-30D: Where child usually lives

USUALLY means for the majority of the year, or most months out of the year.

WITH (HIS/HER) (FATHER/MOTHER) means with the OTHER parent. If you were interviewing the mother, this would mean the child lives with the father. If you were interviewing the father, this would mean the child lives with the mother.

OTHER RELATIVES could mean an uncle, aunt, grandparent, etc. Please specify.

Related Questions: Q12-30D

main-menu.932

Header: Q14-41A: Health limit kind of work?

This question refers to any job that R could potentially hold.

This question is asking for the R's perception of his/her limitations, not the interviewer's.

Related Questions: Q14-1a Q14-1b

main-menu.934

Header: Q14-6: Health limits due to pregnancy?

If R responds by giving another reason besides one related to her pregnancy, code "No."

Related Questions: Q14-7

main-menu.966

Header: Q12-157e: Med cvrg - govt plans: stat lst

Select the appropriate government healthcare plan to refer to: (According to the state in which R resides)

MEDICAID: AL, AK, AZ, AR, CT, DE, DC, FL, GA, HI, ID, IL, IA, IN, KS, KY, LA, ME, MD, MN,
MS, MO, NE, NV, NM, NY, NJ, NC, OH, OR, SC, TN, TX, VA, WA, WV

MEDI-CAL: CA

MEDICAL ASSISTANCE: MI, MT, NH, PA, RI, SD, UT, VT, WI, WY

WELFARE: CO, MA, ND

MEDICAL SERVICES: OK

Related Questions: Q12-157E

main-menu.972

Header: Q15-1A: Income and assets - general

These questions may seem intrusive to the R, so remind the R that all answers are confidential.

Related Questions: Q15-1A

main-menu.974

Header: Q15-5: Income in 1999 - non-military

Record the total gross income for all jobs during 1999, (include part time and odd jobs). Do not include expense accounts or payments "in kind" (food, lodging, goods). Do not include "salaries" that some owners of incorporated businesses pay themselves. If R does not remember exact amount, ask for an estimate.

Related Questions: Q15-5 Q15-5A

main-menu.975

Header: Q15-6: Income from own farm

If any income was mentioned before in Q15-5, be sure to read text in parentheses, so that R does not report income twice.

Related Questions: Q15-6 Q15-7

main-menu.977

Header: Q15-9: Inc frm othr sources aft expnses

AFTER EXPENSES = net income = total income (gross) minus operating expenses. If operating expenses were equal to or greater than total income, code "000..." If R and spouse were partners in business, divide income in half, or in the way R reports it was divided. Report R's share here, spouse's later in the interview. If R had a partnership with someone else, record only R's share of the after expenses income.

Related Questions: Q15-9

main-menu.978

Header: Q15U-5A: Unemp insurance for R - general

These questions will refer only to government unemployment insurance. Do not include strike benefits from union funds or supplemental employment benefits.

Related Questions: Q15U-3

main-menu.1028

Header: Q15-18: Income in 1999 - non-military

Record the total gross income for R's spouse received from military (during time and odd jobs). Do not include expense accounts or payments "in kind" (food, lodging, goods). Do not include "salaries" that some owners of incorporated businesses pay themselves. If R does not remember exact amount, ask for an estimate.

Related Questions: Q15-18

main-menu.1029

Header: Q15-20: Income from own farm

If any income was mentioned before in Q15-6 or Q15-18, be sure to read text parentheses, so that R does not report income twice.

Related Questions: Q15-20

main-menu.1030

Header: Q15-22: Non-farm bsns/partnrshp/practc

If any income was mentioned before in Q15-6 or Q15-18, be sure to read text parentheses, so that R does not report income twice.

Related Questions: Q15-22

main-menu.1031

Header: Q15-24: Inc frm othr sources aft expens

AFTER EXPENSES = net income = total income (gross) minus operating expenses. If operating expenses were equal to or greater than total income, code "000..." If R and spouse were partners in business, divide income in half, or in the way R reports it was divided. Report spouse's share here. If spouse had a partnership with someone else, record only spouse's share of the after expenses income.

Related Questions: Q15-24

main-menu.1032

Header: Q15-S2A: Unemp ins (spouse) - general

These questions will refer only to government unemployment insurance. Do not include strike benefits from union funds or supplemental employment benefits. If spouse received unemployment compensation for only part of a month, that month is considered a month in which R's spouse received unemployment.

Related Questions: Q15S-3

main-menu.1081

Header: Q15-33A: Child support received?

Enter "Yes" if the R or spouse/partner is entitled to receive child support.

Related Questions: Q15-33a

main-menu.1083

Header: Q15-33FA: Amt child supprt entitled to

Make sure the R is thinking of what s/he is entitled to receive now.

Related Questions: Q15-33FA

main-menu.1084

Header: Q15-33G: # R's chldrn entitld to supprt

The phrase "YOUR children" means R's biological children.

Related Questions: Q15-33G

main-menu.1085

Header: Q15-33H: Ch supt entitled to in 1999 (R)

Make sure the R is being as accurate as possible, and calculating all 12 months of the year. Remind R that we are asking for the amount s/he was SUPPOSED to receive.

Related Questions: Q15-33H

main-menu.1086

Header: Q15-33I: Ch supt actlly recd 1993 (R)

Make sure the R is being as accurate as possible, and calculating all 12 months of the year. Remind R that we are asking for the amount s/he ACTUALLY DID RECEIVE.

Related Questions: Q15-33I

main-menu.1090

Header: Q15-33L: # sp's chldrn entitled to supt

This means the R's husband or wife's or partners's biological children.

Related Questions: Q15-33L

main-menu.1091

Header: Q15-33La: Ch supt sp suppsd to recv '99

Make sure the R is being as accurate as possible, and calculating all 12 months of the year. Remind R that we are asking for the amount the spouse was SUPPOSED to receive.

Related Questions: Q15-33LA

main-menu.1092

Header: Q15-33M: Ch supt sp actlly recd in 1999

Make sure the R is being as accurate as possible, and calculating all 12 months of the year. Remind R that we are asking for the amount the spouse ACTUALLY DID RECEIVE.

Related Questions: Q15-33M

main-menu.1145

Header: Q15F-3: Recipieny of fdstmps R/spouse

Remember, if R received food stamps for only part of a month, that month is considered a month in which R received foodstamps.

Related Questions: Q15F-3

main-menu.1194

Header: Q15W-2A: Reciprocity SSI/welfare

"Supplemental Security Income" is an assistance program for disabled, aged, or blind persons whose income falls below a certain level. The program is administered through the Social Security Administration. Do not confuse with state supplemental assistance or with regular Social Security benefits. Federal SSI checks are labeled "Supplemental Security Income Payment."

Remember, if SSI, public assistance or welfare was received for any part of a month, that month should be considered a month in which R received SSI, public assistance or welfare.

Related Questions: Q15W-3

main-menu.1244

Header: Q15-60: R recv schlrshp/fellwshp/grants

Do not include educational loans.

Related Questions: Q15-60

main.menu.1269

Header: LIST OF TANF PROGRAMS BY STATE

State TANF Programs

Arkansas	Transitional Employment Assistance Program (T.E.A.)
California	California Work Opportunity and Responsibility to Kids (CalWORKs) Greater Avenues for Independence GAIN Cal Learn
Colorado	Colorado Works
Connecticut	Jobs First
Georgia	workfirst!
Illinois	Targeted Work Initiative (TWI) Work Pays Get A Job Initiative
Indiana	Partnership for Personal Responsibility
Kansas	Temporary Assistance for Families (TAF)
Kentucky	Transitional Assistance Program (K-TAP)
Maryland	Family Investment Program & Temporary Cash Assistance (TCA)
Michigan	Family Independence Program
Minnesota	Family Investment Program (MFIP)
Missouri	Beyond Welfare
Montana	Families Achieving Independence in Montana (FAIM)
Nebraska	Employment First
New Jersey	WORK FIRST NEW JERSEY (WFNJ) PROGRAM
New Mexico	Personal Responsibility and Opportunities to Gainfully Reach Economic Self Sufficiency (PROGRESS)
North Carolina	Work First
North Dakota	Training, Education, Employment, and Management (TEEM) Project
Oregon	Oregon Option & Jobs Plus
Tennessee	Families First
Vermont	Aid to Needy Families with Children/Reach Up (ANFC/RU)
Virginia	Virginia Independence Program (VIP)
Washington	Workfirst
Wisconsin	Wisconsin Works (W-2)
Wyoming	PERSONAL OPPORTUNITIES WITH EMPLOYMENT RESPONSIBILITIES (POWER)
Alaska	Temporary Assistance for Needy Families State Plan
New York	Family Assistance

Related Questions: Q15A-3

main-menu.63f

Header: Q4-73b seriesa, etc.: Scholarships?

-Scholarship refers to types of financial aid which do not have to be repaid.

Related Questions: Q4-73b

main-menu.63g

Header: Q4-73d.: Other financial aid?

-Grants refer to types of financial aid which do not have to be repaid.

Related Questions: Q4-73c

main-menu.63h

Header: Q4-73d: Other financial aid?

Fellowships refer to types of financial aid which do not have to be repaid

Related Questions: Q4-73d

main-menu.63i

Header: Q4-73e: Other financial aid?

-An assistantship usually requires that the person perform some service such as teaching, research, grading papers, or other duties in order to receive the financial aid.

Related Questions: Q4-73e

main-menu.63j

Header: Q4-73f.: Other financial aid?

Tuition waivers refer to types of financial aid which do not have to be repaid.

Related Questions: Q4-73f

main-menu.63k

Header: Q4-73g: Other financial aid?

-A Veteran's Educational Benefit makes financial aid available through the G.I. Bill.

Related Questions: Q4-73g

main-menu.63l

Header: Q4-73h: Other financial aid?

-"Military educational assistance program" refers to aid R may have received to help him/her attend regular school while s/he was serving in the military.

Related Questions: Q4-73h

main-menu.65b

Header: Q5-3G: Coding active duty military service

"Active Duty" means full-time military service (excluding service in the National Guard).

If R is on Active Duty they will seldom have another job; the service is their "full-time" job.

If the R answers s/he was in the ARMY, NAVY, AIR FORCE, MARINE CORPS OR COAST GUARD, and not in the RESERVES or the NATIONAL GUARD of one of these branches, then the R would be on Active Duty. (See also Q4-1A, Q4-1B AND Q4-2)

Related Questions: Q5-3G

main-menu.1200

Header: YASR-61D: Hitting People

Hitting or threatening to hit includes spanking or threatening to spank children.

Related Questions: YASR-61D

main-menu.1201

Header: YASR-72: Activity Controlling Drugs

The intent of this question is to see if the R is taking psychological drugs like Prozac or Ritalin. Do not include drugs that affect R's activity level only as a side effect, such as asthma or allergy medication.

Related Questions: YASR-72

main-menu.1202

Header: YASR-58: Neighborhood Problems

"Neighborhood" refers to the area around R's home as stated on the Household Record.

If R is living in temporary quarters (such as dorm, jail, or barracks), make sure you are asking about the neighborhood around R's home as stated on the Household Record.

Related Questions:

YASR-58A	YASR-58B	YASR-58C	YASR-58D	YASR-58E
YASR-58F	YASR-58G	YASR-58H		

main-menu.1203

Header: Q15-141: Family Income

For this question, the word "family" refers to the members of R's household as stated on the Household Record.

Related Questions: Q15-141

main-menu.1205

Header: Q14-15: Medical Attention

"medical attention or treatment" refers to any attention from a health professional, including anything from getting a prescription to visiting a hospital.

Related Questions: Q14-15

main-menu.1206

Header: YASR-18: Computer Games

"games" includes any type of game played on a computer, such as Solitaire, Myst, Nintendo, or video-type games.

Related Questions: YASR-18
